LAHORE WASTE MANAGEMENT COMPANY

Company Established under Section 42 of Companies Ordinance 1984

CORRIGENDUM / ADDENDUM NO. 3

FOR

OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL -II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS)

This refers to the previous invitation to bid published in "The News dated September 15, 2026 & "Roznama Jang Lahore" dated September 17, 2026 vide an IPL No.9619 as well as published on Punjab e-Procurement System (e-P) and PPRA Punjab website dated September 10, 2026. Addendum / Corrigendum No.1 to the Advertisement published on e-P and PPRA Punjab website dated September 29, 2026 and in newspapers vide an IPL No. 10592, and subsequently Corrigendum / Addendum No.2 to the Bidding Document published on e-P and PPRA Punjab website dated October 04, 2026 for the subject cited bid / tender;

- Bid submission / closing date has been extended till **1400 hours** on **October 19, 2026** and the same has been published on Punjab e-Procurement system (e-P) website (https://ep.punjab.gov.pk) and PPRA Punjab website (https://ppra.punjab.gov.pk) on dated **October 06, 2026**

- Opening of bid under rule 38(2-a) of PPR-14 shall be conducted online through Punjab e-Procurement System (e-P) on the same day at **1430 hours**.

Other terms & conditions of the Bidding Document shall remain the same.

Note:

The URL of the website of the PPRA Punjab is (https://eproc.punjab.gov.pk/) and the URL of the website of the Punjab e-Procurement system (e-P) (https://ep.punjab.gov.pk).

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MINUTES OF PRE-BID MEETING FOR "OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD URBAN-I & II, RURAL-I & II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS)"

SPA Participants:

1. Mr. Bilal Ashraf	DGM OPS Three District
2. Mr. Arslan	Deputy Director Procurement SPA

LWMC Participants:

1. Mr. Naveed Ahmad	Senior Manager Finance
2. Mr. Hassan Rana	Senior Manager (P&C)
3. Mr. M Shamshad	Manager Procurement
4. Mr. Awais Zafar	Asst. Manager Procurement
5. Mr. Zaheer Abbas	Asst. Manager Procurement

FWMC Participants:

1. Abid Hussain Bhatti	CEO/MD SPA Faisalabad
2. Ata-ul-Mohsin	DM Ops FMWC
3. M. Waqas Saeed Kerala	Manager P&C, FMWC

Bidders Participants:

1. Mr. M. Saad Zain	M/S Ghulam Hussain & Son (GHS)
2. M. Hamid Ali	M/s JV NJC-MMC-NCS
3. Mr. Tahir Mehmood	M/s Waste Busters
4. Muhammad Asif	M/s Shahco Medicare Pvt Ltd.
5. M Asim	M/s AT Consortium
6. M Javed	M/s NCS
7. Mazhar Hussain	M/s HS & CO (Pvt) Ltd.

Date: 17-September-2026, **Time:** 1100 Hours, **Venue:** 7th Floor, Conference Room-LWMC

This shall be considered as an Addendum / Corrigendum No.2 to the Bidding Documents for the subject cited procurement / tender under clause "2.2.2 & 2.2.3" of Bidding Documents" and shall be considered as its integral part of bidding documents.

Meeting started with the name of Almighty ALLAH. Senior Manager P&C briefed the salient features of the bidding document and invited Prospective bidders to raise the questions / queries (if any) regarding the bidding document of the subject cited project. Prospective bidders requested to submit the Queries / clarifications in writing. In continuation one of the prospective bidders, namely M/s Ghulam Hussain & Sons, submitted the queries dated 18-09-2026 which was submitted to P & C Department LWMC on 21-09-2026 at 4.45 PM. Queries deliberated in detail by the FWMC Team, SPA Team & LWMC Team. Responses of clarifications are as follows;

SCHEDULE OF QUERIES

Outsourcing of SWM Services (along with Available Resources), Tehsil Faisalabad — Urban-I, Urban-II, Rural-I and Rural-II Areas | Ghulam Hussain & Sons (GHS) | 18 September 2026

Each query applies to all four lots unless the Reference column states otherwise. Page numbers refer to the Urban-I document.

No.	Reference	Query and clarification requested	Responsibility/clarification
A.	**PRINCIPAL QUERIES**		
1	**All lots** ITB 2.3.3(iv) & 2.3.9 & 2.5.8(a) (pp 25, 28, 34); Section-III Cl. 10 (p. 66); GCC 28.1 (p 105); SCC 8 — GCC 12.1(c) (p 118)	**Income tax withheld at source (15%) to be included in the Estimated Cost** The bidding documents require the bid price to include all taxes: ITB 2.3.9 names "Income Tax & PRA", and SCC 8 (GCC 12.1(c)) expressly lists "withholding income tax". It is our understanding, however, that the Estimated Cost of each lot does not include the income tax deducted at source at 15% on payments for services, on the view that income tax is a tax on income and cannot be reflected in a cost estimate. We respectfully submit that this tax is, in substance, a cost of the project. It is withheld from the gross value of every invoice before any expense is met, whether or not the contract earns a profit. On a labour- and fleet-intensive contract of this kind, where margins are thin, the amount withheld far exceeds any tax the actual profit would attract, so it is borne out of the contract price like any other cost. At 15% of the four-year Estimated Price it amounts to about **Rs. 1,979.60 million for Urban-I, Rs. 1,065.99 million for Urban-II, Rs. 1,165.06 million for Rural-I and Rs. 1,106.64 million for Rural-II — Rs. 5,337.29 million across the four lots.** A bidder who includes this tax, as the documents require, is measured against an estimate that leaves it out; a bidder who leaves it out cannot sustain the service over four years. We therefore request LWMC to: (a) revise the Estimated Cost of each lot to include the income tax withheld at source, so that the benchmark is on the same tax-inclusive basis the bidders must follow; and (b) confirm that any change after the bid date in the rate of withholding income tax or of sales tax will be adjusted in the contract price, as provided in ITB 2.3.3(iv) and SCC 8.	(a) As per bid documents, no change (b) only sales tax will be adjusted
2	**All lots** Section-III Cl. 4.2 A(i) & Table 5 (p 51); Payment Mechanism Sr. 3 (p 75); Monitoring Mechanism — Mechanical Sweeping & Washing (pp 81–82); Annex — sweeper specifications	**Mechanical sweeping — daily coverage per sweeper (20 km, not 35–40 km)** The documents give two different daily requirements for each sweeper. Cl. 4.2 A(i) requires "min. 40 KM daily with each vacuum sweeper", while Table 5 requires "8 hours a day per VS and min. 35 km per day per VS". At the pre-bid meeting it was informed that each mechanical sweeper will sweep 20 km per day — also the figure used in LWMC's fuel working (Query 9). Coverage is a scored KPI ("Km covered as per plan") and drives fuel, brush wear and the number of machines to be priced. A 6-hour shift must also absorb travel to and from the route, water refilling (1,000-litre tank on the specified truck-mounted sweeper; 500 litres on the tractor-towed sweeper) and emptying of the hopper at notified points, so 35–40 km of effective sweeping per shift is not practicable. We request LWMC to	The Vacuum Sweeper will cover 20 km per day, however, the dead millage not included, the threshold millage will be considered from starting point to endpoint as per micro-plan.

Chief Financial Officer
Faisalabad Waste Management Company
Govt. Of Punjab

No.	Reference	Query and clarification requested	Responsibility/clarification
		(a) confirm by addendum that the requirement is 20 km of effective sweeping per sweeper per 6-hour shift, and amend Cl. 4.2 A(i), Table 5 and the related KPI accordingly; (b) clarify whether "km" is measured as road length or as length swept per kerb/pass, and confirm that dead mileage to and from the route and trips to water and dumping points are excluded; and (c) confirm the coverage required of the tractor-towed sweeper specified for the rural lots.	
3	**All lots** Section-III Cl 4.2 vs. Table 10 & Contractor's Responsibility (pp. 60–62), Table 20 (p. 84), SCC 3 — GCC 8.1(b) & Note (pp. 109–110), Annex drawings — Typical Layout of Controlled Dumpsite	**Disposal site — one common site for the four lots, or separate sites?** Each lot requires the contractor to build and operate a controlled dumpsite — 8 acres, 7-year design life, 3-ft clay lining, leachate collection, a pit-less weighbridge with operator room and RFID system, four dedicated machines and dumpsite staff — and states that one disposal site is planned for each area, possibly fewer "in case of single contractor qualifying for one district". As all four lots lie within Tehsil Faisalabad, please clarify: (a) Will the four lots use one common disposal site or separate sites? If common, will each contractor be allotted a separate, demarcated cell with its own dedicated weighbridge, or will the weighbridge and common facilities be shared? (b) For a shared site: who will build, own, operate and maintain the common facilities (access road, boundary wall/fencing, weighbridge, operator and guard rooms, leachate pond); how their cost will be divided among the contractors; how lot-wise tonnage will be recorded; and how responsibility for environmental compliance, fire control and daily soil cover will be divided. (c) Must each contractor provide the full set of dumpsite machinery and staff (Dumper 10 m³, Front End Loader, Gully Sucker, Chain Bulldozer, 2 supervisors, 2 ground men) even at a shared site? (d) Please identify the proposed site(s) and their distance from each lot's TCPs. Haul distance determines the secondary-transport trips and fuel (Query 8). (e) Until the controlled dumpsite is ready (3 months under SCC 3), which currently designated site is to be used for the interim "make-shift arrangements", and will any tipping fee or other charge be payable there? (f) Please confirm that land will be provided by SPAF/SPA free of cost; that, where land must be rented, the rent will be paid by the Client over and above the contract price (SCC 3 Note); and that no penalty will apply if land is not made available in time. (g) The weighbridge will be in the Client's custody while its readings drive 40 marks of the invoice. How will tonnage be recorded when the weighbridge or RFID system is down? (h) At the end of the contract, who will own the dumpsite, weighbridge and allied works, and will there be any closure or capping obligation, given the 7-year design life against a 4-year term?	FWMC has proposed four disposal sites, zone wise, to the district administration. However, the District Administration may notify a reduced number of sites based on land availability and administrative considerations. In such a case a shared disposal site will be made operational, with separate designated cells/land parcels for each zone, along with dedicated machinery and weighbridges to ensure proper monitoring and accountability. The active cell shall be operated by the respective contractor in accordance with defined environmental standards as daily soil cover and capped with final soil cover.

Chief Financial Officer

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No.	Reference	Query and clarification requested	Responsibility/clarification
4	**All lots** Payment Mechanism Sr 1(4) Door to-Door, Sr 2(2) Residential Sweeping, Sr 2(3) Commercial Sweeping (pp 74–75), Sr 7(2) Dumpsite (p. 76)	**TMO scoring — 12 marks (12% of the monthly invoice) with no defined criteria** Under the Payment Mechanism, 12 marks — 12% of each monthly invoice — depend on a percentage "given by TMO": 6 marks for door-to-door collection, 5 for residential street sweeping and 1 for commercial street sweeping, each with the rider "if not Verified then Zero Marks". A further 3 marks under Dumpsite Management are also scored by the TMO. On the Estimated Price, 12% of the monthly invoice is about **Rs. 33.0 million for Urban-I, Rs. 18.1 million for Urban-II, Rs. 19.4 million for Rural-I and Rs. 18.4 million for Rural-II.** The documents neither define "TMO" nor set out the criteria, checklist or method on which the TMO will score. Without defined criteria these marks would rest entirely on individual judgement, leaving 12% of every invoice open to subjective assessment and to undue pressure on the Contractor. That would run against the evidence-based digital monitoring the documents otherwise adopt (pp. 73 and 123). We request LWMC to: (a) define the TMO — designation, organization (SPAF, FWMC, LWMC or a third party) and reporting line; (b) provide objective scoring criteria for each TMO-scored item: the checklist, the daily inspection sample (beats, UCs, streets), the evidence required (geo-tagged, time-stamped photographs on the dashboard), and how the TMO's percentage converts into marks; (c) provide for joint inspection with the Contractor's representative, or at least for each day's score and its evidence to be shared with the Contractor on the dashboard within 24 hours; (d) replace "if not Verified then Zero Marks" with the rule already applied to Dumpsite Management ("Auto if TMO not give score 100%"), so that the Contractor is not penalised for an inspection that did not take place; (e) confirm that TMO scores may be referred to the Local Committee under SCC 20.2.5 within a fixed period, and (f) clarify "90% to 99% = Z Marks" in the Dumpsite Management scoring.	TMO will give the same day DTD score % out of 12% on the basis of actual on ground working, in case leaving zero score will be given same for the dumpsite. Further scoring will be reviewed(decreased/increased) by the MD on daily basis.

B. FUEL CONSUMPTION WORKING SHOWN AT THE PRE-BID MEETING

At the pre-bid meeting LWMC displayed its fuel-consumption working for the urban area — the Urban-II fleet of 177 vehicles, annual fuel Rs. 237,323,040. Our reading of it, which reconciles to that total line by line, is at Annex A. The queries below compare it with the TORs.

5	**All lots** Fuel working displayed at the pre-bid meeting, 17 September 2026 (Annex A)	**Issue of the cost workings to all bidders** The workbook displayed also contained tabs for rent calculation, rent rates, dumpsite costing and criteria. These workings underlie the Estimated Cost and the fuel weight "c" in the price-adjustment formula. We request that the fuel workings for all four lots (urban and rural areas, including dumpsite machinery), together with the rent and dumpsite workings, be issued to all bidders by addendum. Please also correct our reading at Annex A if any figure has been misread.	Detailed working will not be share, contractor prepare its own feasibility for project as per Contract TORs

Chief Financial Officer

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No.	Reference	Query and clarification requested	Responsibility/clarification
6	**All lots** Annex A, Section-III Cl 10 (p. 67), Tables 7 & 9 (pp. 53, 55), Payment Mechanism (p. 74), Monitoring Mechanism — Sunday/Friday Markets (p. 81), Waste Transfer Sr. 1–2 (p. 83)	**Operating days — 312 a year in the working, daily service in the TORs** The working prices fuel for 312 days a year (26 days × 12), in line with the note that estimates are based on 26 working days a month. The TORs, however, require daily door-to-door collection in urban areas, daily commercial sweeping, TCPs "operational 24/7" and kept at zero every day, Sunday-market cleaning, and daily KPI evaluation for invoicing. Please confirm whether services are required on every day of the month, including Sundays and public holidays. If so, please base the fuel estimate on 365 days and allow weekly-rest relief in the HR complement (about one-sixth more staff for seven-day operation). If not, please confirm that no deduction will be made for days on which services are not required.	Handed over work charge staff shall perform duties on Sundays. However, for working on special events cost is already added
7	**All lots (urban areas)** Annex A, Section-III Cl 4.2 C(i) (p. 59) & Table 9 (pp. 55–56)	**Loader rickshaws and mini dumpers — trips and distance per trip** The working allows each loader rickshaw 2 trips of 8 km a day at 10 km per litre (1.6 litres/day) and each mini dumper 3 trips of 8 km at 8 km per litre (3 litres/day). Table 9 requires loader rickshaws in urban areas to make 3 trips daily, and Cl. 4.2 C(i) allows mini dumpers and loader rickshaws to unload directly at a TCP "within the radius 6–8 Km" — a round trip of 12–16 km before any collection distance is counted. Please revise the trips and distances in the working to match the TORs, or confirm the operating model on which the working is based (for example, unloading only at nearby 5 m³ containers).	The primary collected waste through loader rickshaws and mini-tippers may unload nearby 5m3 container or TCP as considering operational ease.
8	**All lots** Annex A, Section-III Table 15 (pp. 59–60); Cl 4.2 vii (p. 61)	**Secondary transport to the disposal site — lead distance and vehicle type** The working provides for each secondary dumper to make 5 trips of 25 km a day at 3 km per litre (41.7 litres/day). A 25 km round trip implies a disposal site about 12.5 km from the TCPs, whereas the TORs allow the site to be up to 45 km from each TCP — a round trip of up to 90 km — while still requiring 4–5 trips per dumper per day, which would not be achievable at that distance. The working also describes these 17 vehicles as "Dumper 10m3", whereas the TORs require "Dumper 20m3/13.5m3" of 15-ton capacity. (a) Please confirm the lead distance assumed, and that the fuel allowance, the number of dumpers and the trip norm will be revised by variation once the disposal site is designated (Query 3). (b) Please confirm the vehicle type and the consumption norm intended for secondary transport.	The allocated dumpsite will be within the radius of 25km.
9	**Urban-I, Urban-II** Annex A, Annex — Specifications of Truck-Mounted Vacuum Sweeper (5 nos.)	**Vacuum sweeper — fuel for the auxiliary engine** The working allows each vacuum sweeper 20 km a day at 1 litre per km (20 litres/day). This agrees with the 20 km stated at the pre-bid meeting but not with the 35–40 km in the TORs (Query 2). Moreover, the specified truck-mounted sweeper drives its fan and brushes through a separate auxiliary diesel engine of 75 HP or above that runs throughout sweeping, and its consumption is not captured by a per-km norm. Please add an hourly fuel allowance for the auxiliary engine over the 6-hour shift.	The fuel allocation per vehicle as per 20 KMs per day on accumulative basis

Chief Financial Officer

No.	Reference	Query and clarification requested	Responsibility/clarification
10	**All lots** Annex A, Section-III Table 5 (p 51)	**Mechanical washers — 4 hours in the working, 6 hours in the TORs** The working allows each water bowser/washer 4 hours a day at 5 litres per hour (20 litres/day), whereas Table 5 requires washers to work 6 hours a day. Please align the working with the TORs, or the TORs with the working.	The fuel allocation per vehicle on accumulative basis and moreover it also includes sprinkling which consumes less fuel as compared to mechanical washing.
11	**All lots (urban areas)** Annex A, Section-III Table 9 (p 59)	**Compactors and chain arm-roll vehicles — hydraulic (PTO) operation** The working allows each compactor 3 trips of 20 km at 3 km per litre (20 litres/day) and each chain arm-roll vehicle 3 trips of 20 km at 4 km per litre (15 litres/day). Table 9 requires compactors to make 3 to 4 trips, and both vehicle types burn substantial fuel while stationary, driving hydraulic compaction and container lifting through the PTO at every stop. Please confirm whether an allowance for PTO and idling fuel has been included; if not, please add one.	The fuel allocation as per original RFP previously.
12	**All lots** Annex A, SCC 9 — GCC 13.1 (pp. 118–120)	**Petrol vehicles and the price-adjustment formula** The working prices loader rickshaws, mini dumpers and the CRV on petrol at Rs. 327.62 per litre, while the price-adjustment formula indexes the whole fuel component "c" to high-speed diesel only (Fo = Rs. 380.86 per litre). (a) Please split the fuel component between HSD and petrol in proportion to their shares in the working, each indexed to its own PSO price — or confirm that the HSD index will apply to both. (b) Please confirm the fuel type and specification of the CRV, which is costed like a rickshaw at 10 km per litre on petrol, no specification for it is appended. (c) Please confirm that the weight "c" for each lot will be recomputed if the fuel working is revised in response to these queries.	Formula II remain same as per RFP.
13	**All lots** Annex A, Payment Mechanism (pp. 74–76)	**Status of the fuel norms** Please confirm that the fuel norms are for estimation only and will not be applied as contractual limits, or as a basis for deductions, where the Contractor's actual trips, kilometres or fuel consumption differ from them.	(No change) Yes, Confirmed
C. CONTRACTING ENTITY, TAXES AND PRICE			
14	**All lots** Definitions (p 12), SCC 1 — GCC 1.1(m) (p. 109), Contract Form (p. 59), Section-III Cl 4.2 vi (p. 62), Forms F3 & F4 (pp. 151–152)	**The contracting party** The documents refer to LWMC, SPA, SPAF and FWMC. SCC 1 states that the contract will be signed and executed by Suthra Punjab Agency Faisalabad (SPAF), yet the Urban-II, Rural-I and Rural-II documents define "FWMC / SPAF" as Faisalabad Waste Management Company, the Urban-II contract form names "LWMC / SPAF" as the signing Client, the weighbridge is to be in the custody of FWMC, and the Performance Guarantee is to be issued in favour of LWMC. Please confirm the single legal entity that will (i) sign the contract, (ii) certify and pay invoices, (iii) deduct taxes and issue withholding certificates, and (iv) be the beneficiary of the Performance Guarantee, the Security for Salary and the mobilisation-advance guarantee.	i) FWMC/ SPAF shall sign the contract ii) SPAF will certify and pay invoices iii) SPAF deduct taxes and issue withholding certificates iv) Performance Guarantee, the Security for Salary and the mobilization-advance guarantee will be issued in favour of Suthra Punjab Agency Faisalabad. Note: Contract Agreement will be signed between the contractor and Suthra Punjab Agency Faisalabad. LWMC is Procuring Agency on behalf of Suthra Punjab Authority as per the request of Suthra Punjab Agency Faisalabad.

Chief Financial Officer

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No.	Reference	Query and clarification requested	Responsibility/clarification
15	**All lots** ITB 2.3.9 (p. 28); Section-III Cl. 10 (p. 66); SCC 9 (p. 118)	**Sales tax included in the Estimated Cost** Please confirm the rate of Punjab Sales Tax on Services included in the Estimated Cost, that it will be shown separately on invoices, and whether the Client will withhold any part of it as a withholding agent.	Tax will be withheld as per rules notified by the govt.
16	**All lots** Section-III Cl 10 (p. 67)	**Monitoring cost and public-awareness allowance** Please confirm that the monitoring/monitoring- cost of Rs. 400,000 per month will be deducted from the monthly invoice, is fixed for the contract period and must therefore be included in the bid price; and that the public-awareness allowance of Rs. 200,000 per month is to be spent by the Contractor under a plan approved by the Client, not deducted.	Yes, confirmed
17	**All lots** SCC 10 — GCC 14.2 (p. 120); BDS 13 (p. 92); Form F2 (p. 153)	**Breakdown of the Estimated Cost for valuing variations** Variations are to be valued by "proportionate change against all the input values based for cost estimation", and quantities may vary by up to 15%. Form F2, however, asks only for a single lump sum. Please share the Client's cost-estimate breakdown (HR, vehicle rent and ownership, fuel, maintenance, consumables, infrastructure, overheads, contingencies) so that variations can be valued transparently — or prescribe a breakdown to be submitted by the successful bidder for this purpose	Detailed working will not be share, contractor prepare its own feasibility for project as per Contract TORs
18	**All lots** SCC 9 — GCC 13.1 (pp. 118–120); GCC 29 (p. 106); SCC 4 — GCC 9.1 (p. 110)	**Price-adjustment formula** (a) Please confirm that the base indices Lo (Rs. 40,000) and Fo (Rs. 380.86 per litre, 11 August 2026) stay fixed whatever the bid date, and that adjustment applies from the first monthly invoice. (b) Please specify the source and date of Fn for each invoice month (PSO price on the first day of the month, or the monthly average), and confirm that Ln is the minimum wage notified by the Government of Punjab. (c) The non-adjustable component "a" (24.23% to 28.05% across the lots) covers vehicle rent, spares, tyres, lubricants, insurance and consumables, all of which rise with inflation over four to six years. We request that it be indexed to CPI, at least for the extension years. (d) Please confirm that the formula continues to apply during any extension, and that the Performance Guarantee and Security for Salary need be extended only for the extension actually agreed.	(a) Yes Confirmed. (b) Daily fuel price will be considered. Yes minimum wage is notified by GoPb (c) No change (d) Yes continue to apply

Chief Financial Officer

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No.	Reference	Query and clarification requested	Responsibility/clarification
D. PAYMENT MECHANISM AND KPIs			
19	**All lots** SCC 8 — GCC 12.1(a) (p. 116); SCC 6 (pp. 116–117); Digital Performance Monitoring Mechanism (p. 73); Payment Mechanism Sr. 1(1) (p. 74); Table 1 (p. 46)	**Basis of the monthly invoice and the tonnage baseline** SCC 8 calls the contract a lump-sum price contract and p. 73 refers to "resource based contract pricing", while the Payment Mechanism treats waste collection as "Tonnage Based value" and states "Above 95% = Payment will be made on actual lifted tonnage". Please clarify: (a) the formula for the monthly invoice (for example, Contract Price × 48 × Pn × KPI score ÷ 100); (b) the baseline against which the 95% threshold of the 40-mark tonnage KPI is measured — the estimated generation in Table 1 (e.g. 1,149 tons a day for Urban-I), which the document itself says may vary, or a baseline established from actual weighbridge data; and (c) whether tonnage collected above the baseline is paid for. We request that the baseline be fixed from weighbridge records over the first three months, when no penalties apply, so that the Contractor is not penalised for an estimate of waste generation outside its control.	Point # a is verified. The baseline is fixed as defined in documents for scoring and the base line may vary and change with the consent of client if required. And no penalty will penalized for initial three months.
20	**All lots** Payment Mechanism (pp. 74–79)	**Meaning of "number of invoice value will be deducted"** Several KPIs provide that "1 number", "2 number" … "12 number of invoice value will be deducted". Please clarify whether "number" means a percentage of the whole monthly invoice, a percentage of the activity's value, or marks out of the KPI's maximum, and whether deductions under different KPIs are cumulative.	1 number means 1 percent of that day invoice.
21	**All lots** Payment Mechanism (pp. 74–78); Monitoring Mechanism (pp. 79–84); SCC 13 — GCC 19.1 (p. 121)	**Double penalty and an overall ceiling** The same failure — a vehicle not deployed, a worker absent — attracts both a KPI deduction under the Payment Mechanism and a fixed rupee penalty under the Monitoring Mechanism. Please confirm that a single default will be penalised only once, and that total monthly deductions and penalties will be capped — we suggest 10% of the monthly invoice.	**No capping** Any deficiency will effect as fixed rupees penalty and score deduction as per KPI
22	**All lots** Payment Mechanism Sr. 1(4), 2(2)–2(4) (pp. 74–75)	**Complaint thresholds and "(On landing)"** Please explain "Complaints & Observation (On landing)", and confirm that only verified complaints not resolved within the prescribed response time will count towards the thresholds (100 a day for door-to-door, residential sweeping and worker absence; 50 a day for commercial sweeping), excluding duplicate and out-of-scope complaints.	Complaints and Observation will effect on landing.
23	**All lots** Monitoring Mechanism Sr. 9 (p. 80)	**Special occasions — deduction of 50% of the monthly invoice** Deducting 50% of a whole month's invoice where less than 80% of a special-occasion plan is executed is out of proportion to a plan lasting a few days. We request that the deduction be proportionate to the shortfall and limited to the days of the occasion.	It will be on occasion days

Chief Financial Officer

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24	All lots Digital Performance Monitoring Mechanism (p. 73), SCC 3 — GCC 8.1 (pp. 109–110)	**Payment during the first three months** Please clarify how "payment … on actual basis as per daily work done" will be calculated during the first three months, when no penalty applies — per resource deployed, per ton, or on the KPI score without deductions.	As per actual work without penalty
25	All lots Section-III Cl. 8 (p. 65), Digital Performance Monitoring Mechanism (p. 73), SCC 20.2.2 (p. 123)	**Digital monitoring systems — provision and cost** Please clarify who will provide, install and pay for the monitoring hardware and subscriptions — AI-based fleet-management units in all vehicles, RFID tags, biometric/facial attendance devices, container geo-tags and the dashboard — and confirm that the Contractor will have real-time access to the dashboard data on which it is evaluated.	**Part of admin cost and contractor will bear the cost** Cost paid by the contractor and installation from any vender with consent with the client and realtime access have both parties for monitoring.
26	All lots SCC 20.2.5–20.2.6 (pp. 123–124)	**Time allowed to contest a penalty** A 72-hour window to object, after which a penalty is deemed accepted, is too short for a daily, dashboard-driven system generating thousands of records. We request 7 days, running from when the penalty and its supporting evidence are communicated to the Contractor on the dashboard.	72 hours is defined (No change)
E. SCOPE AND OPERATIONAL PARAMETERS			
27	All lots Section-III Cl. 4.2 A(ii) & Table 5 (p. 51)	**Mechanical washing — daily coverage and water** The narrative requires "min. 15 KM daily per 01 tractor mounted water bowser / washer"; Table 5 requires "min. 05 km per day per washer". Please confirm the applicable figure. As the Contractor must "arrange water sources for mechanical washing", please also confirm that the Client will provide access to municipal (WASA) water-filling points free of charge.	The contractor will itself arrange hydrant as water resource.
28	All lots Section-III Cl. 4.2 C(i) (p. 53), Tables 7 & 9 (pp. 53, 56)	**Door-to-door model — split between modes and the sanitary-worker norm** (a) Door-to-door collection is said to be "divided in to two modes i.e. Container based (60%), Mini Dumpers (20%) and Loader Rikshaws (30%)" — three modes totalling 110%. Please confirm the correct split. (b) The narrative deploys "1 sanitary worker per 200 populations", while Tables 7 and 9 use "1 SW per 200 Households". Please confirm that the norm is per household.	DID collection, container based (50%), (20%) MiniTipper and (30%) from loader rickshaws
29	All lots Section-III Table 1 (p. 46), Cl. 2.6 Table 3 (p. 48)	**Waste generation rates** Cl. 3 states generation of 0.44 kg/capita/day (urban) and 0.38 kg/capita/day (rural), while Tables 1 and 3 use 0.49 and 0.33 kg/capita/day. Please confirm the basis, as it sets the tonnage baseline for the 40-mark KPI (Query 19).	Urban waste generation: 0.49 kg/capita/day Rural waste generation: 0.33kg/cap/day

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No.	Reference	Query and clarification requested	Responsibility/clarification
30	**All lots** Section-III — Temporary Collection Points & Table 14 (p 59); Required Tools & Equipment tables; SCC 3 Note (p. 110)	**Number of TCPs, land for TCPs and waste enclosures, and ownership** (a) All four documents state "The contractor will responsible to establish 07 TCPs", whereas the resource tables require 7 TCPs for Urban-I, 4 for Urban-II, 3 for Rural-I and 4 for Rural-II. Please confirm the number for each lot. (b) SCC 3 notes that TCP rental cost is part of the cost estimates. Please confirm whether the Contractor must rent land for TCPs (2 to 3 kanals each) and waste enclosures (5–7 marla each) at its own cost, or whether sites will be allotted by the Client or the local government; and that the Client will facilitate NOCs and approvals from the district administration and EPD. (c) Please confirm who will own the TCP and waste-enclosure structures at the end of the contract.	Urban 1: 7 TCPs Urban 2: 4 TCPs Rural 1: 3 TCPs Rural 2: 4 TCPs Mostly government land available for TCPs however where not available the contractor will bear its rent.
31	**Rural-I, Rural-II** Section-III Tables 13 & 14 and the secondary-collection table (Rural-I Table 16; Rural-II Table 15) (pp. 58–60). Monitoring Mechanism — Waste Transfer Sr. 2 (p. 80)	**TCP and waste-enclosure clearance frequency in rural areas** Rural TCP clearance is given as twice a week (Table 14), thrice a week (the secondary-collection table) and daily (narrative). Please confirm the frequency, and how the KPI "Keep the Transfer Station at zero on daily basis" (5% deduction of the day's invoice) applies to rural TCPs and waste enclosures that are cleared two or three times a week.	Rural TCPs and WEs clearance on alternate day.
32	**Rural-I, Rural-II** Section-III — Waste Enclosures & Table 13 (p 58)	**Waste enclosures per Union Council** The narrative proposes "02 Waste Enclosures in each Union Council", while Table 13 specifies "3 Enclosures per UC" (90 in Rural-I and 87 in Rural-II, per the resource tables). Please confirm the number.	3 WEs per UC, cost has also been added accordingly.
33	**All lots** Section-III Cl 4.1 G (p. 49); Zero Waste Activities (p 62); Cl. 10 (p 60)	**Zero-waste activities, takeover cleaning and the existing dumpsite** (a) Zero-waste activities are required "once every year" (Cl. 4.1 G) but "at least three to four times in a year" (p. 62). Please confirm the frequency covered by the 3% special-events allowance. (b) The one-time cleaning at takeover is to be "paid on actual work done". Please specify the rates or basis of payment, and confirm that it is outside the lump-sum bid price. (c) Please confirm that any rehabilitation or reclamation of the existing dumpsite, if instructed, will be paid separately as a variation.	The one time cleaning as per need base and rate will specify at the time of decision.
34	**All lots** SCC 26.1 (p 129); Monitoring Mechanism Sr. 3 (p. 78)	**Backup vehicles** SCC 26.1 requires the Contractor to "maintain backup vehicle and equipment" beyond the specified fleet. Please specify the backup required (percentage by vehicle type), confirm whether its cost is included in the Estimated Cost, and confirm that a breakdown replaced by a backup vehicle within the 2-hour resolution time will not be penalised.	No specific requirement but it is the contractor obligation to maintain the count as per RFP to avoid penalty/deduction.

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No.	Reference	Query and clarification requested	Responsibility/clarification
F. EXISTING RESOURCES AND STAFF			
35	**Urban-I, Urban-II** SCC 25.1–25.8 (pp. 127–129); Payment Mechanism Sr. 2(1) (p. 74); Monitoring Mechanism — Human Resource (p. 84); Section-III Cl. 13 (p. 71)	**Handed-over staff — penalties, vacancies and PPE** The Client will hand over existing staff (Urban-I: 1,197; Urban-II: 764) whose wages remain payable by the Client, while management control passes to the Contractor, who may return them only with the Client's prior approval. Please confirm: (a) that attendance and presence KPIs and penalties will not be levied on the Contractor for absence of handed-over staff — or that the Contractor may deploy replacements at the Client's cost; (b) who fills vacancies among handed-over staff arising from retirement, death, resignation, transfer or return during the contract, and at whose cost; (c) whether uniforms, shoes and PPE for handed-over staff are the Contractor's responsibility and included in the Estimated Cost; and (d) that handed-over staff are excluded from the Security for Salary.	(a) attendance points shall be given on total HR either handed over by client or hired by contractor. (b) the contractor shall hire staff in replacement of died/retired/terminated staff transferred from client. However, he ll claim the wage of such staff from client. (c) Added in cost estimates so it ll be the responsibility of the contractor. (d) Yes
36	**Urban-II** Urban-II document, Section-III Table 2 (p. 47) & Table 22 (p. 71); SCC 25.2–25.3 (pp. 134–135)	**Sanitary supervisors in Urban-II** Table 22 shows 20 existing and 38 additional sanitary supervisors (totals 759 existing, 1,203 additional), whereas SCC 25.2–25.3 shows 25 existing and 33 additional (totals 764 and 1,198). The difference is the 5 sanitary inspectors listed in Table 2. Please confirm whether handed-over sanitary inspectors count towards the supervisor requirement, i.e. whether the Contractor is to hire 33 or 38 supervisors.	The sanitary inspector may be deployed as supervisor.
37	**Urban-I, Urban-II** Section-III Table 2 (p. 47) and comparison tables (Urban-I Table 22, p. 64; Urban-II Table 23); SCC 9.1(c)(iv) (p. 110); SCC 23.2 (p. 126); SCC 26.4 (p. 128)	**Existing vehicles — list, capacity and condition** (a) Table 2 lists the existing dumpers as 10 m³ (Urban-I: 17; Urban-II: 8), which the comparison tables count against the requirement for Dumpers 20 m³/13.5 m³ (15 tons, 4–5 trips to the disposal site). Please confirm that these will be accepted as meeting that requirement, with trip and tonnage norms applied according to their actual capacity. (b) Table 2 and the comparison tables differ: tractor loaders (Urban-I 12 vs. 7; Urban-II 7 vs. 4) and tractor blades (Urban-I 2 vs. 1), while tractor trolleys (Urban-I 3; Urban-II 2) and water bowsers (Urban-I 3) appear only in Table 2. Please provide the definitive list of vehicles and equipment to be handed over, and confirm whether surplus units may be used and counted. (c) Please provide for a joint condition survey at handover, and confirm that vehicles found off-road or beyond economical repair will be repaired or replaced by the Client (or the requirement reduced), and that major repairs, token tax, registration and insurance of Client-owned vehicles remain with the Client. (d) Please confirm whether the workshops, parking yards, offices and transfer stations referred to in SCC 23.2 will be made available to the Contractor free of rent.	(a) These existing dumpers may be considered as per their actual capacity. (b) Tractor Loader Urban-I 7, Urban-II 4, Tractor Blade Urban-I 1, Tractor Trolley and Water Bowser in table 2 ll be handed over. (c) R&M cost is already added in the cost estimates. (d) On rental basis.

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No.	Reference	Query and clarification requested	Responsibility/clarification
38	**All lots** SCC 25.4 (p. 128); Section III Cl. 10 (p. 60); Payment Mechanism Sr. 2(1) (p. 74)	**Salary structure by category** SCC 25.4 refers to "Salary multiplier × Minimum wages". Please specify the multiplier for each category, and confirm that the monthly HR costs in Cl. 10 (Rs. 45,200 for sanitary workers and helpers, Rs. 50,986 for supervisors and Rs. 52,618 for drivers, inclusive of social security, EOBI and GLI) are the basis of the Estimated Cost and of the labour weight "b". Please also confirm that, with the "10% leave allowance" in the KPI table, attendance of 90% of planned HR meets the KPI without deduction and no separate relief staff need be priced.	As per government notified rate.
G. MOBILISATION, FLEET OWNERSHIP AND EVALUATION			
39	**All lots** BDS 1 — ITB 2.1.1 (p. 86); SCC 3 — GCC 5.1(a)/(b) (pp. 109–110); Section VII (p. 131)	**Commencement date and mobilisation** BDS 1 fixes commencement at "30 days after Award of Contract", while SCC 3 and Section VII fix it at "30 days after signing of contract". Please confirm which applies. Within this period the Contractor must mobilise the rented fleet with fitness certificates and emission reports, recruit the additional workforce (2,345 for Urban-I) and build the TCPs and waste enclosures. Please confirm that the two-month no-penalty period in SCC 3 covers all of these obligations.	From signing of the contract
40	**All lots** SCC 9 — GCC 10.1(g) (pp. 117–118)	**Mobilisation advance** Please confirm that the mobilisation advance (10% of the first-year contract price) is interest-free, state the time within which it will be released after the advance guarantee is submitted, and confirm that the guarantee may be reduced as instalments are recovered.	Yes, its interest free and will be returned upon complete deduction (as per BD).
41	**All lots** BDS 12, note (p. 92); SCC 5(ii) (p. 111)	**The 30% ownership requirement** (a) Please confirm that the 30% applies to the vehicles the Contractor must arrange (excluding existing units handed over), that it is to be met by the end of the first contract year, and that rented vehicles may be deployed meanwhile. (b) Please confirm that vehicles acquired on bank lease or Ijarah in the name of the Contractor (or a JV member) count as owned. (c) In Urban-I, the vehicle-wise figures in the SCC 5(ii) table add up to 67, against the stated total of 66. Please confirm.	(a) Confirmed (b) Confirmed (c) Total is 66
42	**All lots** BDS 12 — Technical Evaluation Criterion 2.2 (p. 91); Annex — Technical Specifications	**Evidence of machinery for technical evaluation, and vehicle age** (a) Criterion 2.2 states that a rental deed alone is not sufficient and asks for registration documents. As the owned fleet is to be bought new after award, please confirm what evidence will be accepted for vehicles still to be procured (purchase orders, booking receipts, or firm offers/letters of commitment from manufacturers or dealers). (b) Please confirm whether a bidder bidding for more than one lot may offer the same machinery for each lot. (c) Please confirm whether any maximum age or minimum model year applies to rented and owned vehicles beyond the appended specifications (e.g. Euro-II minimum).	(a) No change (b) Separate machinery for each lot (c) Must have fitness certificate

Chief Financial Officer

No.	Reference	Query and clarification requested	Responsibility/clarification
43	All lots ITB 2.1.5 (p. 18), Section-III Cl. 4.2 vii (p. 61)	**Bidding for more than one lot** Please confirm that a bidder may bid for, and be awarded, more than one of the four lots (each being a separate bidding process); that a separate bid security is required for each lot; and that the same financial and experience credentials may be relied on for each lot. Please also explain how the reduced number of disposal sites "in case of single contractor qualifying for one district" would apply.	Separate bid security is required for each lot/tender. Same Financial and Experience credential shall be used for technical evaluation/qualification purpose. Separate Dumpsite will be established for each contract/lot. However, the number of disposal sites may be reduced to one or two, subject to ground conditions, site availability, operational requirements, and environmental viability, with prior approval of the Client.
44	All lots BDS 12 — Technical Evaluation Criterion 2.1 (p. 90)	**Experience criterion** Please clarify whether an ongoing contract of which at least one year has been completed qualifies as a completed project and, if so, whether its full contract value or only the value of the completed portion will be counted.	Running contracts/projects are also acceptable to the extent of completed tenure subject to provision of payment certificates of completed tenure and marking will be given on pro rata basis.
H. CONTRACT CONDITIONS			
45	All lots Section-III Cl. 13 (pp. 71–72); GCC 10.3 (p. 102); SCC 6 (pp. 116–117); SCC 14(B) (p. 121)	**Salary deadline, payment delays and the Security for Salary** Salaries must be paid by the 5th of each month, failing which the Security for Salary may be encashed, while the Client pays within 30 days of invoice and pays only the verified portion if verification is incomplete. Please confirm: (a) that the Security for Salary will not be encashed where a salary delay results from late payment of the Contractor's verified invoice; (b) the basis of the Security for Salary — two months' salary of contractor-hired sanitary workers only, or of all contractor-hired staff — and that annually renewable guarantees are acceptable; and (c) that payments delayed beyond 30 days will carry mark-up (we suggest KIBOR + 2%).	(a) Payment of salaries to the Contractor's personnel is the sole responsibility of the Contractor and shall not be conditional upon receipt of payment from the Client. It is the contractual obligation on the part of contractor to submit monthly invoice (complete in all respect) before the approving authority immediately after the completion of the month and before the disbursement date of salary i.e. 5th of every Month. The Contractor shall, however, maintain sufficient financial resources to pay the salaries of its personnel for at least two (02) months without receipt of payment from the Client. (b) The Security for Salary shall cover the salaries of all Contractor-hired staff required under the RFP. Annual renewable guarantees shall not be acceptable. The Contractor shall submit the Security for Salary with validity covering the complete Contract duration, in accordance with the requirements stipulated in the RFP. (c) No mark-up, interest, or other financial compensation shall be payable by the Client on account of any delay in payment.

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No.	Reference	Query and clarification requested	Responsibility/clarification
46	All lots Section-III Cl 11 (pp. 67–70); SCC 5(iv) (pp. 112–116)	**Fee-collection targets and penalties** Fee collection depends on the Client's digital billing system, on notified rates and on enforcement by SPAF/SPA, the local government and the district administration — none of which the Contractor controls — yet shortfalls attract deductions of up to 6% of the monthly SWM invoice, or termination. Please confirm: (a) the "assessed value" against which targets are measured, who determines it, and which areas and categories are covered by the Excise Department and therefore excluded; (b) that collection penalties will not apply until the digital billing system and the enforcement mechanism are operational; (c) that, as the note to the checklist states, a Contractor who completes steps 1 to 3 will not be penalised; and (d) whether the three-month consumer survey is covered by the administrative charges or paid for separately.	a) The 'assessed value' shall be determined by SPAF/FWMC on the basis of the consumer survey conducted in accordance with the requirements of the RFP/BD. The Excise Department shall cover the urban areas notified by the Excise Department, while areas other than those urban areas notified by the Excise Department shall be covered by the Contractor. b) SPAF/SPA shall establish a digital billing system to facilitate the Contractor in fee collection. c) As per the note provided in the RFP. d) The consumer survey shall be conducted by the Contractor. No separate payment shall be made for conducting the consumer survey.
47	All lots GCC 31.1–31.5 (pp. 106–107)	**Personal liability of directors and shareholders** GCC 31.4 makes the Chief Executive, all executive and non-executive directors and all shareholders of a limited company personally, jointly and severally liable for the company's contractual liabilities. This is inconsistent with the separate legal personality and limited liability of a company under the Companies Act, 2017. We request that GCC 31.4, and the corresponding part of 31.5, be deleted, with liability resting on the contracting entity and, for a JV, on its members.	No change
48	All lots GCC 30.2–30.3 (p. 100); SCC 22.1 (p. 125)	**Indemnity provisions** (a) GCC 30.2 excepts "injury or damage … occasioned by the sole negligence of the Service Provider", which appears inverted. Please confirm it should read "sole negligence of the Procuring Agency". (b) GCC 30.3 extends the indemnity to claims "whether or not caused … by the negligence of … any other Indemnified Party, and whether or not the relevant Claim has merit". We request that the indemnity be limited to claims arising from the Contractor's acts or omissions. (c) SCC 22.1 refers to "Client's Risks under Sub-Clause 8.5.3", which does not exist. Please confirm the reference is to SCC 21.3.	a) Yes, it shall be read as "sole negligence of the Procuring Agency" b) The indemnity provisions shall remain as stipulated in the BD. c) Yes, it is confirmed that the reference to "Client's Risks under Sub-Clause 8.5.3" in SCC 22.1 shall be read as a reference to SCC 21.3.
49	All lots GCC 23 (pp. 104–105); SCC 5 — GCC 10.1(C) (p. 116)	**Termination for convenience** The Contractor will invest in assets amortized over the contract period — the owned fleet, TCPs, waste enclosures, controlled dumpsite, weighbridge and containers. Please confirm that on termination for convenience the Contractor will be compensated for the unamortized value of these investments and for demobilisation, or that the Client will take the assets over at written-down value.	After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Services executed.

Chief Financial Officer

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No.	Reference	Query and clarification requested	Responsibility/clarification
50	All lots SCC 18 — GCC 24.2-24.3 (p 122)	**Dispute resolution** GCC 24.2 fixes the place of arbitration at Faisalabad, while GCC 24.3 says hearings will be held at Lahore. Please confirm the venue. We also request that arbitration be conducted by an independent arbitrator, or by a three-member tribunal with one nominee of each party, rather than by an officer within the Client's administrative hierarchy.	The arbitration shall be conducted in accordance with the arbitration provisions of the Bidding Documents. The reference to Lahore in GCC 24.3 shall be read as Faisalabad and shall accordingly be replaced by Faisalabad. The remaining provisions regarding the appointment and conduct of arbitration shall remain as stipulated in the Bidding Documents.

Chief Financial Officer

Govt. Of Punjab

LAHORE WASTE MANAGEMENT COMPANY

Company Established under Section 42 of Companies Ordinance 1984

CORRIGENDUM NO. 1

FOR

OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL -II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS)

This refers to the previous invitation to bid published in "The News dated September 15, 2026 & "Roznama Jang Lahore" dated September 17, 2026 vide an IPL No.9619 as well as published on Punjab e-Procurement System (e-P) and PPRA Punjab website dated September 10, 2026 for the subject cited bid / tender;

- Bid submission / closing date has been extended till **1400 hours** on **October 07, 2026** and the same has been published on Punjab e-procurement system (e-P) website (https://ep.punjab.gov.pk) and PPRA Punjab website (https://ppra.punjab.gov.pk) on dated **September 29, 2026**

- Opening of bid under rule 38(2-a) of PPR-14 shall be conducted online through Punjab e-Procurement System (e-P) on the same day at **1430 hours**.

Other terms & conditions of the Bidding Document shall remain the same.

Note:

The URL of the website of the PPRA Punjab is (https://eproc.punjab.gov.pk/) and the URL of the website of the Punjab e-Procurement system (e-P) (https://ep.punjab.gov.pk).

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Email: procurement@lwmc.com.pk

Lahore Waste Management Company (LWMC)
Government of Punjab

BIDDING DOCUMENT

(NATIONAL COMPETITIVE BIDDING)
Single Stage Two Envelope Bidding Procedure
Least Cost Selection Method

FOR

OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL-II (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS)

Preface

This template for Standard Bidding Documents (SBDs) (Non-Consultancy Services) has been formulated in accordance with Punjab Procurement Regulatory Authority Act, 2009 (PPRA Act-09), Punjab Procurement Rules 2014 (PPR-14) and Punjab Procurement Regulations 2024. It has been seriously taken care of that all the basic guidelines/principles/requirements for the preparation of SBDs should be included in this template in order to facilitate the procuring agencies of Punjab. The principle of "Value for money" remained the guiding spirit and ultimate object of our endeavor.

All the procuring agencies may use/seek guidance from this template for the preparation and finalization of SBDs (of a specific procurement) which may also include other details, as per requirement of the procuring agencies, as far as they are not inconsistent with Punjab Procurement Regulatory Authority Act, 2009 (PPRA Act-09), Punjab Procurement Rules, 2014 (PPR-14) and Punjab Procurement Regulations 2024 as amended up to-date. In case of any conflict between provision of this document and the law/ Rules, the later shall prevail.

This SBD has been prepared by LWMC internally, endeavored to make it a reality in a very short span of time.

Table of Contents

Contents

PREFACE **2**

SECTION-I: **6**

INVITATION TO BID 7
DISCLAIMER 8
DEFINITIONS 9

SECTION-II: INSTRUCTIONS TO BIDDERS (ITB) **14**

2.1. INTRODUCTION 14
2.1.1 Scope of Bid *14*
2.1.2 Source of Funds *14*
2.1.3 Eligible Bidders *14*
2.1.4. Cost of Bidding *17*
2.1.5. One person one bid *18*
2.1.6. Work Plan/Deputation Plan *18*
2.2. THE BIDDING DOCUMENTS 18
2.2.1. Content of Bidding Documents *18*
2.2.2. Clarification of Bidding Documents *20*
2.2.3. Amendment of Bidding Documents *21*
2.3. PREPARATION OF BIDS 21
2.3.1. Language of Bid *21*
2.3.2. Bid Form *21*
2.3.2.1 Technical Proposal *22*
2.3.2.2 Financial Proposal *23*
2.3.3. Bid Prices *24*
2.3.4. Bid Currencies *26*
2.3.5. Documents Establishing Bidder's Eligibility and Qualification *26*
2.3.6. Bid Security *26*
2.3.7. Period of Validity of Bids *28*
2.3.8. Format and Signing of Bid *28*
2.3.9. Minimum Wage rates/all applicable taxes *28*
2.4. SUBMISSION OF BIDS 28
2.4.1 Sealing and Marking of Bids *28*
2.4.2 Deadline for Submission of Bids *29*
2.4.3. Late Bids *29*
2.4.4. Modification and Withdrawal of Bids *29*
2.5. OPENING AND EVALUATION OF BIDS 29
2.5.1. Opening of Bids by the Procuring Agency *29*
2.5.2. Confidentiality *30*
2.5.3. Clarification of Bids *30*
2.5.4. Preliminary Examination *31*
2.5.5. Examination of Terms and Conditions; Technical Evaluation *32*
2.5.6. Correction of Errors *33*
2.5.7. Conversion to Single Currency *34*
2.5.8. Post-qualification & Evaluation of Bids *34*
2.5.9. Contacting the Procuring Agency *34*
2.5.10. Grievance Redressal *35*
2.6. AWARD OF CONTRACT 35
2.6.1. Notification of Award *35*
2.6.2. Performance Guarantee *36*
2.6.3. Signing of Contract/ Issuance of work Order *36*
2.6.4. Award Criteria *36*
2.6.5. Procuring Agency's Right to Vary Quantities at Time of Award *37*
2.6.6. Procuring Agency's Right to Accept or Reject All Bids *37*
2.6.7. Re-Bidding *37*
2.6.8. Corrupt or Fraudulent Practices *37*

2.6.9 INTEGRITY PACT 41
2.6.10 Insurance and Indemnification *42*

SECTION-III. TECHNICAL SPECIFICATIONS / TORS 43

OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL-II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS) 43

SCOPE OF SERVICES 43

SOLID WASTE MANAGEMENT (SWM) OPERATIONS PLAN 44

SECTION-IV: BID DATA SHEET 86

4.1. BID DATA SHEET (BDS) 87
NOTIFICATION OF AWARD / LOA 94

DRAFT CONTRACT 95

SECTION-V: PART I-GENERAL CONDITIONS OF CONTRACT 98

1. DEFINITIONS 99
2. APPLICATION 101
3. COUNTRY OF ORIGIN 101
4. STANDARDS 101
5. USE OF CONTRACT DOCUMENTS AND INFORMATION; INSPECTION AND AUDIT BY THE PROCURING AGENCY. 101
6. PERFORMANCE GUARANTEE 102
7. INCIDENTAL MATERIAL 102
8. COMMENCEMENT OF SERVICES 102
STARTING DATE / EFFECTIVE DATE OF COMMENCEMENT 102
9. TIME SCHEDULE OF SERVICES 102
10. PAYMENT 102
11. PRICES 103
12. CONTRACT PRICE 103
13. PRICE ESCALATION / DE-ESCALATION AND CHANGE IN THE APPLICABLE LAW 103
14. CHANGE ORDERS 103
15. CONTRACT AMENDMENTS 103
16. ASSIGNMENT 103
17. SUB-CONTRACTS 104
18. DELAYS IN THE SERVICE PROVIDER'S PERFORMANCE 104
19. LIQUIDATED DAMAGES 104
20. TERMINATION FOR DEFAULT 104
21. FORCE MAJEURE 105
22. TERMINATION FOR INSOLVENCY 105
23. TERMINATION FOR CONVENIENCE 105
24. RESOLUTION OF DISPUTES 106
25. OPERATIVE LANGUAGE 106
26. APPLICABLE LAW 106
27. NOTICES 106
28. TAXES AND DUTIES 106
29. EXTENSION IN CONTRACT PERIOD 106

SECTION-VI. SPECIAL CONDITIONS OF CONTRACT 109

1. Definitions (GCC Clause 1) 110
2. Performance Guarantee (GCC Clause 6) 110
3. Commencement of Services (GCC Clause 8) 110
4. Time Schedule of Services (GCC Clause 9) 111
5. Obligations of Contractor 112
Note: If the contractor fulfills the above mentioned (Sr. 1, 2 & 3) efforts in complete, then no penalty / deduction of less recovery will be charged. Further, above-mentioned steps are not exhaustive, additional steps may be added at the discretion of the SPAF / SPA. 117
Contractor's Representative 117

6. Payment (GCC Clause 10) ... 117
7. Prices (GCC Clause 11) ... 119
8. Contract Prices (GCC Clause 12) ... 119
9. Price Variation (Increase / Decrease) / (Escalation / De-Escalation) (GCC Clause 13) ... 119
10. Change Orders & Variations (GCC Clause 14) ... 121
11. Contract Amendments (GCC Clause 15) ... 122
12. Sub-Contracting (GCC Clause 17) ... 122
13. Liquidated Damages (GCC Clause 19) ... 122
14. Termination for Default (GCC Clause 20) ... 122
15. Termination for Insolvency (GCC Clause 22) ... 123
16. Resolution of Disputes (GCC Clause 24) ... 123
17. Operative Language (GCC Clause 25) ... 123
18. Applicable Law (GCC Clause 26) ... 124
19. Notices (GCC Clause 27) ... 124

SECTION-VII. SCHEDULE OF REQUIREMENT / WORK PLAN / DEPUTATION PLAN ... 132

Work Plan / Deputation Plan ... 132
Commencement of Services ... 132

SECTION-VIII: SAMPLE FORMS ... 133

8.1 BID FORM ... 134
8.2 BIDDER'S JV MEMBERS INFORMATION FORM ... 136
BIDDING FORM T1 - LETTER OF TECHNICAL PROPOSAL ... 137
BIDDING FORM T2 - FORM OF INTEGRITY PACT ... 139
BIDDING FORM T3 - FORM OF POWER OF ATTORNEY ... 140
BIDDING FORM T4 – FORM OF AFFIDAVIT ... 141
BIDDING FORM T5 – BIDDER / CONTRACTOR'S ORGANIZATION AND EXPERIENCE ... 144
BIDDING FORM T6 – FORM OF BID SECURITY ... 146
BIDDING FORM F1 – LETTER OF FINANCIAL PROPOSAL ... 149
BIDDING FORM F2 – FIN FORM ... 151
BIDDING FORM F3 – FORM OF PERFORMANCE GUARANTEE ... 152
BIDDING FORM F4 – FORM OF SECURITY FOR SALARY ... 153
BANK GUARANTEE ... 153
PURPOSE AND APPLICATION OF SECURITY ... 154
REPLENISHMENT OF SECURITY ... 154

SECTION IX- CHECK LIST ... 157

SECTION-I:

INVITATION TO BID
FOR
OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL-II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS)

Lahore Waste Management Company (LWMC) on behalf of Suthra Punjab Authority intends to invite unconditional bids from bidders / Joint Ventures (eligible as per bidding document) for OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL-II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS). Bidding process shall be conducted online through e-P system as per Rule 38 (2)(a) i.e. Single Stage–Two Envelope bidding procedure with least cost selection method.

Bidding Document has been published on PPRA Punjab and Punjab e-Procurement System website (e-P). Prospective bidders may view and download the Bidding Documents from PPRA Punjab website (www.ppra.punjab.gov.pk) & e-P website (ep.punjab.gov.pk) free of cost. Detail of Estimated Price along with required Bid Security is as under (Bid Security will be submitted online as per the guidelines / regulations of Punjab e-Procurement System / e-P);

Sr.	Tehsil Name	Estimated Price for 4 Years (Rs.)	Bid Security @ 1% in shape of CDR / BG / DD / PO / BC (Rs.)
1	Faisalabad (RURAL -II Areas)	7377.61 million	73.776 million

The URL of the website of the PPRA Punjab is (https://eproc.punjab.gov.pk/ActiveTenders.aspx) and the URL of e-P website is (https://ep.punjab.gov.pk). Response time shall be calculated exclusively from the date of publication of tender notice / advertisement on the aforementioned websites of PPRA & e-P Punjab. Pre-Bid meeting will be held on **September 17, 2026** at **1100 hours** at the address given below.

Bids duly completed, signed, stamped and in complete conformity with the Bidding Document must be submitted online through Punjab e-Procurement System website (e-P) (i.e. https://ep.punjab.gov.pk) till **1400 hours** on or before **September 30, 2026**. Online opening of Technical Bids shall be conducted on the same day at **1430 hours** in the presence of the prospective bidders or their representatives who choose to be present. Bid submission on e-P system website shall entirely be the responsibility of the bidder.

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DISCLAIMER

This Bidding Document is being published by the Procuring Agency solely for use in preparing and submitting its Bid for participation in the national competitive bidding process being conducted by the Procuring Agency for the purposes of selection of a successful Bidder to perform and undertake the Bidder / contractor`s Obligations in relation to the Project.

The Bids will be evaluated in accordance with the selection criteria and prevailing applicable laws. Neither the Procuring Agency, nor its employees, personnel, agents, consultants, advisors and contractors etc., make any representation (express or implied) as to the accuracy or completeness of the information contained herein, or in any other document made available to any person in connection with the Bidding Process and the same shall have no liability for these Bidding Document or for any other written or oral communication transmitted to the Bidders in the course of the evaluation of Bids. Neither the Procuring Agency nor its employees, personnel, agents, consultants, advisors and contractors etc., will be liable in any manner whatsoever to reimburse or compensate the Bidders for any costs, fees, damages or expenses incurred by the Bidders in evaluating or acting upon these Bidding Document or otherwise in connection with the Bidder / contractor`s Obligations in relation to the project. Any Bid submitted in response to invitation to bid by any of the Bidders shall be upon the full understanding and Contract of any and all terms of these Bidding Document and such submission shall be deemed as an acceptance by the Bidders of all the terms and conditions stated in these Bidding Documents.

A Bid submitted by a Bidder shall be construed to be based on the full understanding that the Bidder acknowledges and fully comprehend all the contents of the bidding document prior to the submission of the Bid. The Bidder has, after a complete and careful examination, made an independent decision for submission of the bid. The Procuring Agency (including its employees, personnel, agents, consultants, advisors and contractors etc.) makes no representation whatsoever, express, implicit or otherwise, regarding the accuracy, adequacy, correctness, reliability and / or completeness of any assessment, assumptions, statement or information provided by it and the Bidder shall have no claim whatsoever of any nature against the Procuring Agency (including its employees, personnel, agents, consultants, advisors and contractors etc.) in this regard.

This Bidding Document do not constitute a solicitation to invest or otherwise participate in the Bidding Process for award of the Contract.

DEFINITIONS

The following terms shall have the following meanings, unless the context otherwise requires:

"Acceptance of Notification of Award" has the meaning given to that term in **ITB 2.6.1**.

"Contract" means the Contract for Outsourcing of SWM Services including Primary and Secondary Collection and Transportation of Solid Waste to Dumpsite Site of Tehsil **Faisalabad (Rural -II areas)** and other obligations as per TORs, including all schedules attached thereto, to be entered into between the Procuring Agency and the Successful Bidder, in relation to the Project.

"Applicable Laws" means laws of Pakistan for the time being in force including the following:

a) all ordinances, notices, codes, administrative practice, directives, notification, clarification, policy, circulars, guidelines, permits, licenses, permissions, approvals, consents, requirement or other governmental restrictions (and all conditions relating to such permits, licenses, clarifications, permissions, approvals or consents) made or issued under (a) and (b) above; and
b) any judgments, decrees, notices, orders, directions, instructions, policies, awards or any form or decision of or determination by or interpretation of any of (a) and (b) above (whether or not having the force of law) by any authority, in each case as amended, re-enacted or replaced to the extent applicable.

"Assets" means the movable and immovable properties and assets, including the Vehicles procured by the Bidder / contractor or acquired from the procuring agency for undertaking the Bidder / contractor's Obligations. Bidder shall return the properties & assets including vehicles to the procuring agency, which will be handed over to the contractor by the procuring agency, in an acceptable condition.

"Authorized Representative" has the meaning given to that term in **ITB 2.3.2**.

"Bid" means the bid comprising a Technical Proposal and a Financial Proposal, submitted or to be submitted by the Bidder to the Procuring Agency pursuant to the Bidding Document for the Project.

"Bidder(s)" means a person, firm or bidder / contractor who has submitted a Bid to the Procuring Agency pursuant to the Bidding Documents.

"Bidding Documents" has the meaning given to that term in **ITB 2.2.1**.

"Bidding Forms" means the forms attached to this Bidding Document that shall be filled out by the Bidder and submitted as part of the Bid.

"Bidding Process" has the meaning given to that term in **ITB 2.1.1**.

"Bid Opening" has the meaning given to that term in **ITB 2.5.1**.

"Bid Price" means the price calculated as the remuneration of services quoted by the Bidder in accordance with financial forms and TORs (Scope of Services) for a period of 04 years. Reference

to **Form F2**.

"Bid Security" has the meaning given to that term in **ITB 2.3.6**.

"Bid Validity Period" has the meaning given to that term in **ITB 2.3.7**.

"Clarification" has the meaning given to the term in **ITB 2.5.3**.

"Bidder / contractor`s Obligations" includes the services to be provided by the Successful Bidder in terms of the Contract, as specified in Bidder / contractor's Obligations of the Bidding Document.

"Bidder / contractor's Taxes" means any and all taxes (and duties), direct or indirect, whether imposed by Pakistan or elsewhere and whether imposed directly by a governmental authority or indirectly through any other person (including local/provincial governments), imposed or assessed by any federal or provincial/local taxing authority in Pakistan or elsewhere (or any political subdivision thereof or therein) whether general or special, whether ordinary or extraordinary, whether foreseen or unforeseen, payable by the Bidder / contractor in connection with the Bidder / contractor`s Obligations whether payable in instalments or not and regardless of whether such taxes are chargeable directly or primarily to the Bidder / contractor or any other person in connection with the Bidder / contractor`s Obligations and whether any amount in respect of them is recoverable from any other person.

"Consents" means all such approvals, consents, authorizations, notifications, concessions, acknowledgements, licenses, permits, or similar items that is or are required to be, from time to time, obtained and/or maintained by the Bidder / contractor for the performance of its obligations under the Contract.

"Construction Activities" means construction of ramp(s), boundary wall and other constructions by the bidder / contractor at the TSs as per the design and specifications agreed by the Procuring Agency.

"Development Phase" means the mutually agreed period between procuring agency and contractor / bidder during which the bidder / contractor will undertake the necessary activities and perform its obligations related to this assignment/job as per TORs.

"Encumbrance" means any charge, pledge, hypothecation, lien, mortgage, assignment, right of set-off, option, contractual restrictions (such as negative covenants having the effect of creating or acknowledging security interests in favor of creditors) or other encumbrance or security arrangement or interest of any kind securing any obligation or any type of preferential arrangement (including conditional sale, title transfer and retention arrangements) having similar effect.

"Force Majeure Event" means an event beyond the reasonable control of a party to the Contract, which materially and adversely affects the performance by such affected party of its obligations under or pursuant to the Contract; provided, however, that such material and adverse effect could not have been prevented, overcome or remedied in whole or in part by the affected party through the exercise of diligence and reasonable care, such events include but are not limited to, any of the following:

a) Pandemic or epidemic;
b) Acts of God, including fire, flood, earthquake, windstorm, tornado, hurricane, or other

natural disaster;

c) War, threat of or preparation for war, armed conflict, imposition of sanctions, embargo, breaking off of diplomatic relations or similar actions;
d) Terrorist attacks, civil war, civil commotion, strikes, or riots;
e) Nuclear, chemical or biological contamination or sonic boom;
f) Fire, explosion or accidental damage.

"Government Authority" means any federal, state, local or municipal governmental body, and any governmental, regulatory, or administrative agency, commission, body, or other authority exercising or entitled to exercise any administrative, executive, judicial, legislative policy, regulatory or taxing authority or power, or any court or governmental tribunal.

"Financial Proposal / Bid" means the financial proposal / bid submitted by a Bidder as part of its Bid pursuant to the invitation to bid.

"TS / TCP" means the Transfer Stations / Temporary Collection Point, a facility with a designated receiving area used for temporary deposition, accumulation and aggregation of waste.

"Insolvency Event" means when the Bidder / contractor shall (i) be adjudicated insolvent pursuant to a non-appealable judgment, decree or order of a court of competent jurisdiction in Pakistan or any other jurisdiction (inside or outside Pakistan); (ii) commence a voluntary bankruptcy or insolvency case or proceeding; (iii) consent to, or acquiesce in the institution of a bankruptcy or an insolvency proceeding against it or the entry of a judgment, decree or order for relief against it in an involuntary bankruptcy or insolvency case or proceeding; (iv) apply for, consent to or acquiesce or be in the appointment of or taking possession by a custodian of its business or of any substantial part of its property; or (v) take any corporate (or individual) action in furtherance of or to facilitate, conditionally or otherwise, any of the foregoing, in each case in Pakistan or any other jurisdiction.

"Integrity Pact" has the meaning given to that term in **ITB 2.6.9**.

"ITB" or **"Instruction to Bidders"** means the instructions to Bidders set out in the Bidding Documents.

"Dumpsite" means designated area for final disposal of the solid waste, designated by FWMC / SPAF.

"Lead Partner / Member" means in case the Bidder is a JV / Consortium, a member of a JV / Consortium who is duly authorized by the other JV / Consortium members to represent and bind the JV / Consortium in all matters connected to the Bid. Contract shall be considered as terminated if lead bidder in a JV / Consortium refused to continue services/work.

"Invitation to Bid" means an Invitation to Bid / Advertisement / Tender Notice published on PPRA & Punjab e-Procurement System websites for **OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURUL-II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS).**

"Material Breach or Material Adverse Effect" means in relation to an event or circumstance, an event or circumstance, the occurrence or effect of which has materially and adversely impaired or can reasonably be expected to materially and adversely impair the ability of the Bidder / contractor to perform the Bidder / contractor's Obligations under this Contract to the extent that the performance of the Bidder / contractor's Obligations becomes impossible.

"Material Obligation" means an obligation which if not fully and timely paid or performed would have a Material Adverse Effect.

"Notification of Award" shall have the same meaning as given to that in **ITB 2.6.1**.

"Operations Period" means a period of 04 years (extendable for another two years) from the signing of the Contract, during which period the Bidder / contractor will perform the contractual obligations.

"Owned Machinery" means the machinery / vehicles to be purchased by the Bidder / Contractor.

"Pakistani Rupee" or **"PKR"** means the lawful currency of Pakistan.

"Performance Guarantee" means the Performance Guarantee to be furnished and maintained by the Bidder / contractor in accordance with **ITB 2.6.2** and the Contract.

"Procurement Laws" means collectively: (a) the Punjab Procurement Regulatory Authority Act, 2009; and (b) the Punjab Procurement Rules, 2014 (c) the Punjab Procurement Regulations 2024; as may be amended, modified, supplemented, extended or re-enacted from time to time.

"Procuring Agency" means the Client i.e. "Lahore Waste Management Company (LWMC) on behalf of Suthra Punjab Authority", located at Office No.4&5, 4th Floor, Shaheen Complex, Edgerton Road, Lahore-Punjab, Pakistan.

"Suthra Punjab Authority" means the Authority established by the Government of Punjab, located in Lahore.

"FWMC / SPAF" means Faisalabad Waste Management Company.

"Project" means Outsourcing of SWM services including Primary, Secondary and tertiary Collection and Transportation of solid waste to Dumpsite site and De-silting / Cleaning of Nallas and Small Open Drains of ***Tehsil Faisalabad (Rural-II Areas)***, and all related matters as per KPI or Operational Model described in the Section-III of Bid document. The proposed waste collection and transportation through Door to Door and Container Based collection will also include street sweeping and washing (both mechanical and manual), De-silting / Cleaning of Nallas and Small Open Drains, mechanical sweeping, mechanical washing & scrapping of roads. The Successful Bidder would be responsible for procuring and developing of infrastructure and personnel for carrying its aforesaid operations. The contractor shall also be responsible to perform the function of fee collection (billing & collections system defined by the client in Section-III).

"Rented Vehicles" means the vehicles to be acquired by the Bidder / contractor on rental basis from any party through legal arrangements for performance of the Bidder / contractor's Obligations, in accordance with this Bidding Document and the Contract. Submission of Fitness Certificate for the rented vehicles is mandatory before execution of the services under the Contract.

"Required Documents" has the same meaning given to the term in **ITB 2.6.3**.

"Submission Deadline" means closing date for submission of bids as indicated in an invitation to bid which may be extended by the Procuring Agency in terms of **ITB 2.4.2.**

"Sub-Contractor" has the same meaning given to that term in **ITB 2.3.2.1 (IV)**.

"Sanitation Fee" Contractor shall be responsible for fee collection of waste collection / sanitation fee from the Residential, Commercial & Industrial etc. units as per the rates and categories notified by the government from time to time against the mechanism defined by the Client in Section-III.

"Successful Bidder" means the Bidder: (i) having the lowest evaluated Bid pursuant to the requirements of the Bidding Document and the Procurement Laws; and (ii) selected by the Procuring Agency to execute the Contract pursuant to the requirements of the Bidding Document and perform and undertake the Bidder / contractor`s Obligations.

"Technical Proposal / Bid" means the technical proposal / bid submitted by a Bidder as part of its Bid pursuant to the Bidding Document.

"Vehicles" means the vehicles to be procured/provided by the Bidder / contractor for performance of the Bidder / contractor's Obligations, in accordance with this Bidding Document and the Contract.

Section-II: Instructions to Bidders (ITB)

2.1. Introduction

2.1.1 Scope of Bid

i) The Procuring Agency (PA), as indicated in the Bid Data Sheet (BDS) invites Bids for **OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL-II AREAS** as specified in the Section-III, Section- IV Bid Data Sheet (BDS) and Section VII- Schedule of Requirements. The successful Bidders will be expected to provide the services for the specified period and timeline(s) as stated in the BDS.

2.1.2 Source of Funds

i) The Procuring Agency named in the Bid Data Sheet has received / committed budget from the **Government of Punjab**. The Procuring Agency on behalf of Suthra Punjab Authority intends to apply the provided funds/ a portion of this budget to make eligible payments under the contract for which the Invitation to bids has been published.

2.1.3 Eligible Bidders

i) The Invitation to Bid is open to bidders who meet the eligibility / mandatory criteria as specified in the BDS.

ii) Where the Bidder is a Consortium / JV, the Bidder shall also submit as part of the Bid, the Contract executed between the JV / Consortium members clearly stating:

a. the participating interest of each Consortium / JV member;

b. the proposed role & responsibilities and share of each Consortium / JV member including Lead member in relation to this Project;

c. the conditions under which the Consortium / JV will function;

d. its period of duration;

e. details of the Lead Bidder;

f. any other information necessary to permit a full appraisal of its functioning;

g. that all partners of the Consortium / JV shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract;

h. That no amendments / modifications in JV / Consortium is allowed.

iii) Where the Consortium / JV Contract is governed by a law other than Pakistani law, a legal opinion confirming that the consortium Contract is legal, valid, binding and enforceable will be required.

iv) All partners of the JV / Consortium shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the terms thereof and a statement to this effect shall be included in the Form of Bid.

v) Where the Bidder is a JV / Consortium, the Bid must identify the Lead Bidder, which is duly authorized (to the satisfaction of the Procuring Agency) by all other JV / Consortium members to act and deal with the Procuring Agency on their behalf in connection with the Project and to sign the Contract with other JV / Consortium members if the JV / Consortium is the Successful Bidder and to incur any and all liabilities, receive instructions, give binding undertakings and receive payments on behalf of the JV / Consortium.

vi) In case of JV / Consortium, it shall be mandatory to register the JV / Consortium before award of contract and all the members of JV / Consortium shall liable to sign the Contract before execution as per the approved plan of the procuring agency.

vii) To obviate the chance of conflict-of-interest Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consultancy services for the preparation of the design, specifications, and other documents to be used for the procurement of the services to be purchased under this Invitation to Bids.

viii) Bidders shall not be under a declaration of blacklisting by the Procuring Agency and / or by the Punjab Procurement Regulatory Authority (PPRA).

ix) A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest with one or more parties in this Bidding process, if they:

a. Are associated or have been associated in the past, directly or indirectly with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consulting services for the preparation of the design, specifications and

other documents to be used for the procurement of the services to be purchased under this Invitation for Bids.

b. have controlling shareholders in common; or
c. Received or have received any direct and indirect subsidy from any of them; or
d. have the authorized legal representative for purposes of this Bid; or
e. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process;

x) A Bidder may be ineligible if –

a. the Bidder is declared bankrupt or, in the case of bidder / contractor or firm, become insolvent;
b. payments in favor of the Bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting, in accordance with the national laws, in the total or partial loss of the right to administer and disposal of its property;
c. legal proceedings are instituted against such Bidder involving an order suspending payments and which may result, in accordance with the national laws, in a declaration of bankruptcy or in any other situation entailing the total or partial loss of the right to administer and disposal of the property;
d. the Bidder is convicted, by a final judgment, of any offence involving professional conduct;
e. The Bidder is debarred and blacklisted by LWMC / FWMC / SPAF and / or by PPRA Punjab due to involvement in corrupt and fraudulent practices in accordance with the provision of section 17A of PPRA Act, 2009 and Rule-21, read with Schedule appended with, Punjab Procurement Rules, 2014.
f. The Bidder is debarred and blacklisted in general (i.e. to the extent of all public procurement) by LWMC / FWMC / SPAF and / or by PPRA Punjab due to consistent performance failure in accordance with the section 17A of PPRA Act, 2009 and Rule-21, read with Schedule appended with, Punjab Procurement Rules, 2014.

xi) Bidders shall provide to the Procuring Agency evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.

xii) Bidders shall provide such evidence of their continued eligibility satisfactory to the Procuring Agency, as the Procuring Agency shall reasonably request.

xiii) Bidders shall submit proposals relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract is required. Bidder shall obtain prior written approval from the Procuring Agency for any sub-contracting so required.

xiv) A Bid received from a Bidder, shall only be considered for further evaluation in accordance with the requirements of the Bidding Document if the criteria, as set out in BDS, is fully met and any non-compliant Bid shall be rejected by the Procuring Agency. The Procuring Agency may require further verification of the evaluation criteria in such manner as it may deem fit and the circumstances provided in the Bidding Document which may constitute a conflict of interest are not exhaustive, and the Procuring Agency shall be the sole determinant when a conflict of interest shall arise.

xv) Each Bidder shall indemnify the Procuring Agency, its affiliates and its advisors fully in respect of any damage, cost, liquidated damages or expense of any kind incurred by such person arising from a Bidder's breach of its obligations referred to above and other obligations under the Bidding Documents.

2.1.4. Cost of Bidding

i) The Bidder shall bear all costs associated with the preparation and submission of its Bid and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding Process.

ii) The Bidder is advised to obtain for itself at its own cost and responsibility all information which may be necessary for preparing the Bid and entering into the Contract for execution and performance of the Bidder / contractor`s Obligations. This shall include but not to be restricted to the following:

a. Inquiries on Pakistani federal, provincial and local taxes to the relevant tax regulatory authorities as per the applicable laws.
b. Inquiries on clearance of payments / profits abroad to the concerned authorities of State Bank of Pakistan.
c. Information regarding port clearance facilities, loading and unloading facilities, storage facilities, transportation facilities and congestion at Pakistan seaports.
d. Information regarding regulatory clearances or any other enforcement agency clearances required for import of goods, or other material, etc.
e. Investigations regarding transport conditions and the

probable conditions which will exist at the time any goods or parts are required to be transported.

f. The successful bidder will provide stamp papers as per stamp duty Act 1899 as per requirement of Procuring Agency as per Law.

g. Any other information that may have a financial bearing on the Bid.

2.1.5. One person one bid

i) As per Rule 36A of Punjab Procurement Rules 2014, a Bidder shall submit only one Bid in the same bidding process, either individually as a Bidder or under a joint venture made or any similar arrangement.

ii) No Bidder can be a sub-contractor while submitting a Bid individually or as a member of a joint venture in the same Bidding process.

iii) A Bidder, if acting in the capacity of sub-contractor in any Bid, shall not submit bid for the same.

iv) Each Bidder / Service provider shall submit only one bid, either individually or as a joint venture. A bidder/Service provider who submits or participates in more than one bids will cause all the bids with the Service provider's participation to be disqualified.

2.1.6. Work Plan/Deputation Plan

i) The Bidder shall be responsible for the provision of bids as per micro work plan/deputation plan to be approved by the procuring agency and procuring agency may also, from time to time amend the same as per its requirement.

ii) The Bidder/Service provider, at the Service provider's own responsibility and risk, is encouraged to visit and examine the Site of required Services and its surroundings and obtain all information that may be necessary for preparing the bid/Proposal and entering into a contract for the Services. The costs of visiting the Site shall be at the Service provider's own expense.

2.2. The Bidding Documents

2.2.1. Content of Bidding Documents

i) The services required, Bidding procedures, and contract terms are prescribed in the Bidding documents. The Bidding documents, inter alia, include:

Section-I: Invitation to Bid

Section-II: Instructions to Bidders (ITB)

Section-III: Technical Specifications / TORs

Section-IV: Bid Data Sheet

Section-V: General Conditions of Contract (GCC)

Section-VI: Special Conditions of Contracts (SCC)

Section-VII: Schedule of Requirements/Work Plan/Deputation Plan

Section-VIII: Sample Forms

For the Technical Proposal;

a) T1 - Letter of Technical Proposal;
b) T2 - Form of Integrity Pact;
c) T3 - Form of Power of Attorney;
d) T4 - Form of Affidavit; and Blacklisting
e) T5 – Bidder / Contractor's Organization and Experience
f) T6 - Form of Bid Security; and

For the Financial Proposal;

g) F1 - Letter of Financial Proposal;
h) F2 –Total Project Cost / Total Bid Price
i) F3 – Form of Performance Guarantee
j) F4 – Form of Security for Salary
k) Draft Contract

Section-IX: Check List

ii) The Bidder is required to examine all instructions, forms, terms, and specifications in the Bidding documents. Failure to furnish all information as required by the Bidding Document or to submit a Bid not substantially responsive to the Bidding Document in every respect will be at the Bidder's risk and may result in the rejection of its Bid.

iii) In case of discrepancies between the Invitation to Bid and the Bidding Document listed in **ITB 2.2.1 (i)** above, the said Bidding Documents, not in conflict with any provision of PPR-14 and PPR-24, will take precedence.

iv) The Procuring Agency is not responsible for the completeness of the Bidding Document and their addenda, if they were not downloaded from the e-P website and/or from the PPRA Punjab website.

2.2.2. Clarification of Bidding Documents

i) A prospective Bidder requiring any clarification of the Bidding Document may notify the Procuring Agency in writing or by email at the Procuring Agency's address indicated in Invitation to Bid / Tender Notice / Advertisement. The Procuring Agency will respond in writing to any request for clarification of the Bidding Document which it receives not later than seven (7) days prior to the deadline for the submission of Bids prescribed in the Bid Data Sheet. Written copies of the Procuring Agency's response (including an explanation of the query but without identifying) will be sent to all prospective Bidders that have received the Bidding documents.

ii) A prospective Bidder requiring any clarification of the Bidding Document may notify the Procuring Agency in writing or in electronic form that provides record of the content of communication at the Procuring Agency's address indicated in the **BDS.**

iii) The Procuring Agency will within three (3) working days after receiving the request for clarification, respond in writing or in electronic form to any request for clarification provided that such request is received not later than seven (7) days prior to the deadline for the submission of Bids. As prescribed in **ITB 2.2.2 (i),** above.

iv) Should the Procuring Agency deem it necessary to amend the Bidding Documents a result of a clarification, it shall do so following the procedure under **ITB 2.2.3.**

v) If indicated in the **BDS**, the Bidder's designated representative is invited at the Bidder's cost to attend a pre-Bid meeting at the place, date and time mentioned in the **BDS**. During this pre-Bid meeting, prospective Bidders may request clarification of the schedule of requirement, the Evaluation Criteria or any other aspects of the Bidding Documents.

vi) Minutes of the pre-Bid meeting, if applicable as required, including the text of the questions asked by Bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all prospective Bidders who have obtained the Bidding Documents. Any modification to the Bidding Document that may become necessary as a result of the pre-Bid meeting shall be made by the Procuring Agency exclusively through the use of an Addendum pursuant to ITB 2.2.3. Non-attendance at the pre-Bid meeting will not be a cause for disqualification of a Bidder.

2.2.3. Amendment of Bidding Documents

i) At any time prior to the deadline for submission of Bids, but not later than three (3) days before the closing time of the submission of Bid, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the Bidding Document by amendment. Any such change/amendment in the Bidding Document shall be provided in a timely manner, preferably through electronic means also, not later than three (3) days, and on equal opportunity basis as per Rule-25(3) of PPR-14.

ii) All prospective Bidders may view and download Bidding Documents along with Addendum/Corrigendum (if any) as published by the Procuring Agency on the websites of e-P and PPRA Punjab.

iii) Any Addendum / Corrigendum published including the notice of any extension of the deadline shall be part of the Bidding Documents and shall be binding on the Bidders.

iv) In order to allow prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of Bids, as per rule 29 of PPR-14, in the manner similar to the original advertisements, so as to avoid any inconvenience and to doubly ensure level playing field for all prospective bidders.

2.3. Preparation of Bids

2.3.1. Language of Bid

i The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring Agency shall be written in the language specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in same language.

2.3.2. Bid Form

i) The Bidder shall complete the Bid Forms (Technical & Financial Forms) provided in the Bidding documents, indicating the services identified in invitation to bid to be provided through "**Authorized Representative**" a person duly authorized to sign on behalf of the Bidder.

ii) The Bid shall comprise a Technical Proposal, containing the documents listed in **ITB 2.3.2.1** hereof, and a Financial Proposal, containing the documents listed in **ITB 2.3.2.2**, each submitted simultaneously online through e-P website.

iii) Bidders are expected to carefully examine the Bidding Document when preparing their Bids and use only the relevant

Bidding Forms as set out in **ITB 2.2.1 (i)**. Bidding Forms must be completed without any alterations to the text, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested. Any deviations / omissions / reservations from the formats provided in the Bidding Document shall not be accepted and may form basis for the rejection of the Bid. Material deficiencies in providing the information requested may result in rejection of a Bid.

2.3.2.1 Technical Proposal

i) The Technical Proposal shall demonstrate the Bidder's unconditional acceptance of the complete scope of Bidder / contractor`s Obligations and any obligations (direct or indirect) of the Bidder under the Contract. Any omission, reservation, deviation or condition attached in the Technical Proposal may cause the Bid to be declared non-responsive.

ii) The Technical Proposal submitted by the Bidder shall include the following information:

a. Signed and filled out Letter of Technical Proposal undertaking unconditional acceptance of the Bidder / contractor`s Obligations, as set out in Bidding Form T1 (Letter of Technical Proposal);

b. Integrity Pact, as set out in Bidding Form T2 (Form of Integrity Pact), in accordance with ITB 2.6.9 (Integrity Pact);

c. In case of JV, written confirmation authorizing the signatory of the Bid to commit the Bidder, as set out in Bidding Form T3 (Form of Power of Attorney);

d. Documentary evidence establishing that the Bidder is eligible and not blacklisted, as set out in Bidding Form T4 (Form of Affidavit), in accordance with Basic Eligibility Criteria;

e. Companies Organization and Experience as set out in Bidding Form T5.

f. Bid Security, as set out in Bidding Form T6 (Form of Bid Security), in accordance with ITB 2.3.6 (Bid Security);

g. Evidence indicated for each requirement of Basic Eligibility Criteria and each qualification criteria specified in Technical Evaluation Criteria;

h. List of insurances to be obtained by the Bidder in accordance with ITB 2.6.10 (Insurance & Indemnification); and;

i. Any other documents required under the Bidding Document (See Bidding Document ITB 2.2).

iii) The Technical Proposal shall not include any direct or indirect financial information relating to the Financial Proposal. Any Bid having such financial information shall be declared non-responsive.

iv) The Bidder may sub-contract the project during the Operations Period with the prior written consent of the Procuring Agency. The Bidder will at all times and for all purposes remain liable in connection with any matter which may arise as a result of sub-contracting, including resolution of any disputes; performance, quality, delivery, timeliness etc. of the sub-contracted Bidder / contractor's Obligations etc.

v) For the sake of clarity, it is specified that the Technical Proposal should include: (i) a brief introduction of the Bidder's organization and an outline of its recent experience (in case of a consortium / joint venture, each partner shall provide such information); (ii) a finalized and exclusive list of proposed personnel by area of expertise in relation to each designation; (iii) any other requirement as per this Bidding Document.

vi) A technical proposal to be submitted with details of operational model for HR, equipment, vehicles, system provided addressing the scope of work in detail with diagrams and design explaining methodology including verification and confirmation protocol.

2.3.2.2 Financial Proposal

i) In preparing the Financial Proposal, Bidders are expected to fully understand the requirements and conditions outlined in the Bidding Documents, all contractual obligations of the Procuring Agency, scope of Bidder / contractor`s Obligations, and any obligations, direct or indirect, of the Successful Bidder under the Bidding Documents.

ii) Bidders would be required to quote their Financial Proposal in line with the requirements of Section-III i.e. Technical Specifications / TORs of this document as whole as well. The technically responsive bidder with the lowest Financial Proposal would be considered as the Successful lowest evaluated Bidder.

iii) The Financial Proposal shall provide a quote for the entire Bidder / contractor`s Obligations on a "single responsibility" basis such that it covers all obligations of the Bidder mentioned in or to be reasonably inferred from the Bidding Document in respect of the Bidder / contractor`s Obligations.

iv) Any omission, reservation, deviation or condition included in the Financial Proposal to the contrary may cause the Bid to be declared non-responsive.

v) The Financial Proposal /quote of the bidder must be inclusive of all applicable taxes and it shall also comprise the following:

a. Bidders are required to specify, in their Financial Proposals, all Bidder / contractor's Taxes applicable in relation to the provision and execution of the Bidder / contractor`s Obligations;

b. The Bidder shall be responsible for the Bidder / contractor's Taxes in accordance with the requirements as stipulated in the Contract;

c. Signed and filled out Letter of Financial Proposal, as set out in Bidding Form F1 (Letter of Financial Proposal);

d. Details of Financial Proposal in accordance with ITB 2.3.2.2 (Financial Proposal);

e. Any other document required in the Bidding Documents.

vi) Bidders are hereby cautioned that proposals with conditional offers or deviation from the conditions and instructions contained in this Bidding Document or other requirement stipulated therein shall result in rejection of proposal / Bid as non-responsive and shall not be considered. Under no circumstances shall the Procuring Agency consider / accept a conditional or partial Bid.

vii) Only one Bid proposal fulfilling all conditions, instructions and requirement contained in Bidding Document should be submitted by each Bidder. Alternative proposal shall not be accepted. Each Bidder in terms of Rule 36A of PPRA Rules 2014 shall submit only one Bid either by itself or as a partner in a joint venture/consortium. A Bidder who submits or participates in more than one Bid will be disqualified.

2.3.3. Bid Prices

i) The Bidder shall indicate on form **F 1 & F 2**, the Total Bid Price for four years of the services which it proposes to render / provide under the terms and conditions specified in **Section III**.

ii) Prices indicated on the Price Schedule shall be for Tehsil Faisalabad (Rural-II Areas).

iii) Bidder shall quote bid price for complete project duration i.e. four years and evaluation will be carried out on the basis of

Total Bid Price for four years. Partially / Conditionally filled bid price will be declared as non-responsive.

iv) All the applicable taxes shall be included in the bid price. Any increase / decrease in the taxes, the tax amount will be adjusted in the contract price as per provisions of prevailing state laws accordingly.

v) The Bidders must adhere to the minimum wage rate (as notified by Labor & Human Resource Department, GOPb), other mandatory regulations as per labor laws and all other obligations as per TORs/Scope of Services while preparing financial bid.

vi) The Bidder's separation of price components in accordance with ITB Clause 2.3.4(i) above will be solely for the purpose of facilitating the comparison of Bids by the Procuring Agency and will not in any way limit the Procuring Agency's right to contract on any of the terms offered.

vii) Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A Bid submitted with an **adjustable price quotation** will be treated as non-responsive and may be rejected.

viii) The following expenses will be included in the Total Bid Price;

ix) All costs associated with the operational management, monitoring, supply of the items for execution as well as performance of works and services according to the Contract, expenses related to fuel, spare parts, maintenance and repair, replacement and depreciation of vehicles (solid waste collection and transportation vehicles / sweeping and washing machines) etc. and all the other obligations mentioned in Section-III.

x) The cost of other incidental items, cost of transportation, cost of trollies, cost of waste bags, containers, dustbins and others mentioned in various sections of the Contract.

xi) Cost of hiring the managerial as well as operational and field staff for execution of the Contract.

xii) Cost of any or all insurances related to and for the purpose of works and cost of all taxes, duties and levies required to be paid by the Bidder / contractor pursuant to laws of Pakistan as well as provincial government.

xiii) All the above-mentioned costs and those mentioned in the sections of the Contract, must be considered and included in the contract price.

2.3.4. Bid Currencies

i) Prices shall be quoted in **Pak Rupees** unless otherwise specified in the Bid Data Sheet.

ii) The Bidders must adhere to the minimum wage rate (notified by Labor & Human Resource Department, GOPb), other mandatory regulations as per labor laws and all applicable taxes (imposed by FBR/PRA/any other government organization) while preparing financial bid.

2.3.5. Documents Establishing Bidder's Eligibility and Qualification

i) Pursuant to ITB Clause 2.1.3, the Bidder shall furnish, as part of its Bid, documents establishing the Bidder's eligibility to Bid and its qualifications to perform the contract if its Bid is accepted.

ii) The documentary evidence of the Bidder's eligibility to Bid shall establish to the Procuring Agency's satisfaction that the Bidder, at the time of submission of its Bid, is eligible as defined under ITB Clause 2.1.3.

iii) The documentary evidence, of the Bidder's qualifications to perform the contract if its Bid is accepted, shall establish to the Procuring Agency's satisfaction:

(a) that the Bidder has the financial, technical capability necessary to perform the contract;

(b) That the Bidder meets the qualification / evaluation criteria listed in the Bid Data Sheet.

iv) The Procuring Agency retains the right to verify particulars regarding any information, statements and / or documents furnished with the Bid. Any Bidder found to be misrepresenting information may be disqualified at any stage of the Bidding Process and may be proceed under Rule 20 and 21 of PPRA Rules 2014 and their Bid Security / performance guarantee (as the case may be) shall be forfeited, even after award of contract.

2.3.6. Bid Security

i) The Bidder shall furnish bid security as per the guidelines and e-P regulations issued / notified by the PPRA Punjab as part of its Bid, in the amount specified in the **Bid Data Sheet**.

ii) The Bid security is required to protect the Procuring Agency against the risk of Bidder's conduct which would warrant the security's forfeiture Pursuant to ITB Clause 2.3.6. (vii).

iii) The Bid security shall be in the form of CDR / Bank Guarantee / DD / Pay Order / Bankers Cheque issued by a scheduled bank of Pakistan or from a foreign bank duly counter guaranteed by a scheduled bank of Pakistan in favor of LWMC valid for a period equal to or 30 days beyond the bid validity date.

iv) Any Bid not secured in accordance with ITB Clauses 2.3.6 (i) & (iii) may be rejected by the Procuring Agency as non-responsive.

v) Unsuccessful Bidders' Bid security will be discharged or returned as promptly as possible but not later than 30 days after the execution of contract with the successful bidder expiration of the period of Bid validity prescribed by the Procuring Agency pursuant to ITB Clause 2.3.7 (iii) (a) or along with unopened financial proposal as per rule 38(2)(a)(vii) of PPR-14, which shall take precedence, and is as under:

"***38(2)(a)(vii)*** *the financial proposal of the Bids found technically non-responsive shall be retained unopened and shall be returned on the expiry of the grievance period or the decision of the complaint, if any, filed by the non-responsive Bidder, whichever is later: provided that the Procuring Agency may return the sealed financial proposal earlier if the disqualified or non-responsive Bidder, contractor submits an affidavit, through an authorized representative, to the effect that he is satisfied with the proceedings of the Procuring Agency".*

vi) The successful Bidder's Bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 2.6.1, and furnishing the Performance Guarantee, pursuant to ITB Clause 2.6.2.

vii) The Bid security may be forfeited:

a. If a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Bid Form; or do not accept correction of arithmetical errors in financial bid or submitted conditional bid being the lowest.

b. In the case of a successful Bidder, if the Bidder:

i. Fails to sign the contract in accordance with ITB Clause 2.6.3; **or**

ii. Fails to furnish Performance Guarantee in accordance with ITB Clause 2.6.2; or

iii. Is blacklisted under relevant provisions of PPRA Act, 2009, PPR-14 and PPR-24.

2.3.7. Period of Validity of Bids

i) Bids shall remain valid for the period specified in the Bid Data Sheet after the date of Bid opening prescribed by the Procuring Agency. A Bid valid for a shorter period may be rejected by the Procuring Agency as non-responsive.

ii) In exceptional circumstances, the Procuring Agency may solicit the Bidder's consent to an extension of the period of validity (as per rule-28 of PPR-14). The request and the responses thereto shall be made in writing (or by email). The Bid security provided under ITB Clause 2.3.7 shall also be suitably extended. A Bidder may refuse the request without forfeiting of its Bid security. A Bidder accepting the request will neither be allowed nor permitted to modify its Bid.

2.3.8. Format and Signing of Bid

i) The Bidder shall prepare an original Bid duly signed & stamped by the authorized representative of the bidder as per the bidding procedure specified in BDS. All pages of the Bidding Document, shall be initialed by the person or persons signing the Bid.

ii) Any interlineation, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the Bid.

2.3.9. Minimum Wage rates/all applicable taxes

i) The Bidders must adhere to the minimum wage rate (notified by Labor & Human Resource Department, GOPb) and other obligations as per labor laws and all applicable taxes (Income Tax & PRA etc.) imposed by Govt. of Punjab while preparing financial bid.

2.4. Submission of Bids

2.4.1 Sealing and Marking of Bids

i) The Bidder shall submit its Bid online through Punjab e-Procurement System / website (e-P) in accordance with the provisions / regulations of e-procurement procedure.

ii) As per Rule 24, the Bidder shall submit a bid online through e-P website in such manner that the contents of the bid are fully enclosed and cannot be known until duly opened after encrypting the file by downloading.

iii) The Bid shall be addressed to the Procuring Agency bear the title of procurement activity indicated in the Bid Data Sheet or in the Invitation to Bids (ITB).

iv) In case of Single Stage One Envelope Procedure, the Bidder shall submit the original Bid including technical as well as financial bid in the same proposal.

v) In case of Single Stage Two Envelope Procedure, The Bidder shall submit its Bid comprising of two proposals, one called the Technical Proposal and the other Financial Proposal. Both proposals to be submitted online together through e-P website.

2.4.2 Deadline for Submission of Bids

i) Bidder shall submit its bid online through e-P website till the date and time specified in an Invitation to Bid / Bid Data Sheet.

ii) The Procuring Agency may, at its discretion and as per rule 29 of PPR-14, extend this deadline for the submission of Bids by amending the Bidding Document in accordance with ITB Clause 2.2.2 & 2.2.3 in which case all rights and obligations of the Procuring Agency and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

2.4.3. Late Bids

i) Late bids are not allowed.

2.4.4. Modification and Withdrawal of Bids

i) The Bidder may modify or withdraw its Bid online through e-P website before the closing date of Bid's submission.

ii) No Bid shall be withdrawn or modified after the deadline for submission of Bids which will lead to forfeiture of bid security of the bidder.

2.5. Opening and Evaluation of Bids

2.5.1. Opening of Bids by the Procuring Agency

i) The Procuring Agency will open all Bids online through e-P website, in public, in the presence of Bidders' or their representatives who choose to attend, and other parties with a legitimate interest in the Bid proceedings at the place, on the date and at the time, specified in the **BDS**. The Bidders' representatives present shall sign a register / sheet as proof of their attendance.

ii) In case of Single Stage One Envelope Procedure, all proposals holding the Bid shall be opened one at a time. The Bidders names, the Bid prices, the total amount of Bid, any discounts, the presence or absence of Bid Security and such other details as the Procuring Agency may consider appropriate, will be announced by the Bid Opening Committee.

iii) In case of Single Stage Two Envelope Procedure, the Procuring Agency will open the Technical Proposals in public at the address, date and time specified in the **BDS** in the presence of Bidders` designated representatives who choose to attend and other parties with a legitimate interest in the Bid proceedings.

The Financial Proposals will remain unopened until the specified time of their opening.

iv) Bidders are advised to send in a representative with the knowledge of the content of the Bid who shall verify the information read out from the submitted documents. Failure to send a representative or to point out any un-read information by the sent Bidder's representative shall indemnify the Procuring Agency against any claim or failure to read out the correct information contained in the Bidder's Bid.

v) No Bid will be rejected at the time of Bid opening except for late Bids and bids not containing required bid security.

vi) The Procuring Agency shall prepare minutes of the Bid opening and upload the same on e-P website.

2.5.2. Confidentiality

i) Information relating to the examination, clarification, evaluation and comparison of Bids and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with such process until the time of the announcement of the respective evaluation report in accordance with the requirements of rule 37 of PPR-14.

ii) Any effort by a Bidder to influence the Procuring Agency processing of Bids or award decisions may result in the rejection of its Bid.

iii) Notwithstanding **ITB Clause 2.2.2** from the time of Bid opening to the time of contract award, if any Bidder wishes to contact the Procuring Agency on any matter related to the Bidding process, it should do so in writing or in electronic forms that provides record of the content of communication.

2.5.3. Clarification of Bids

i) As per rule 33(2) of PPR-14, to assist in the examination, evaluation and comparison of Bids and post-qualification of the Bidders, the Procuring Agency may, at its discretion, ask any Bidder for a clarification of its Bid including breakdown of prices. Any clarification submitted by a Bidder that is not in response to a request by the Procuring Agency shall not be considered.

ii) The request for clarification and response shall be in writing that provide record of the content of communication. No change in the prices or substance of the bid shall be sought, offered, or permitted.

iii) The alteration or modification in the Bid which in any way affect the following parameters will be considered as a change in the substance of a bid:

a) evaluation & qualification criteria;
b) Required scope of "OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL-II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS)".
c) all securities requirements;
d) tax requirements;
e) Terms and conditions of bidding documents.
f) change in the ranking of the Bidder

iv) From the time of Bid opening to the time of Contract award if any Bidder wishes to contact the Procuring Agency on any matter related to the Bid it should do so in writing or in electronic forms that provide record of the content of communication.

2.5.4. Preliminary Examination

i) The Procuring Agency will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order.

ii) Arithmetical errors will be rectified on the following basis;

a. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Service Provider does not accept the correction of the errors, its Bid may be rejected, and its Bid security may be forfeited.
b. If there is a discrepancy between words and figures, the amount in words will prevail.

iii) Pursuant to ITB Clause 2.5.5 prior to the detailed evaluation, the Procuring Agency will determine the substantial responsiveness of each Bid to the Bidding Document. For purposes of these Clauses, a substantially responsive Bid is one which conforms to all the terms and conditions of the Bidding Document without material deviations. Deviations from, or objections or reservations to critical provisions, **such as** those concerning **Bid Security** (ITB Clause 2.3.6), **Applicable Law** (GCC Clause 26), **Taxes and Duties** (GCC Clause 28) & mandatory Registrations/ Renewals will be deemed to be a material deviation. The Procuring Agency's determination of a

Bid's responsiveness shall be based on the contents of the Bid itself without recourse to extrinsic evidence.

iv) If a Bid is not substantially responsive, it will be rejected by the Procuring Agency and shall not be allowed to subsequently be made responsive by the Bidder by correction of the non-conformity.

v) Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid;

a) meets the eligibility / evaluation criteria defined in **ITB 2.1.3**;
b) has been prepared as per the format and contents defined by the Procuring Agency in the Bidding Documents;
c) has been properly signed;
d) is accompanied by the required securities; and
e) Is substantially responsive to the requirements of the Bidding Documents.

The Procuring Agency's determination of a Bid's responsiveness will be based on the contents of the Bid itself.

2.5.5. Examination of Terms and Conditions; Technical Evaluation

i) The Procuring Agency shall examine the Bid to confirm that all terms and conditions specified in the **GCC** and the **SCC** have been accepted by the Bidder without any material deviation or reservation.

ii) The Client's evaluation committee shall evaluate the Technical Bids/Proposals and on the basis of their responsiveness to the Terms of Reference/scope of services and the Bid Document, applying the evaluation criteria, sub-criteria, and point system if any specified in the Bid Data Sheet. Each responsive Bid/Proposal will be given a technical score, if any indicated in the data sheet. A Bid/Proposal shall be rejected at this stage if it does not respond to important aspects of the Bid document or if it fails to achieve the minimum technical score/Mandatory Evaluation Criteria, if any indicated in the Data Sheet

iii) The Procuring Agency shall evaluate the technical aspects of the Bid submitted to confirm that all requirements specified in **Section VII – Schedule of Requirements and Evaluation Criteria as provided in BDS,** have been met without material deviation or reservation.

iv) After the technical evaluation is completed, the Client shall notify those Bidders/Service providers, who's

Bids/Proposals were considered non-responsive to the bid document and TOR or did not meet the minimum qualifying technical score and their Financial Bids/Proposals will be returned unopened after completing the selection process and Contract signing. The Client shall simultaneously notify in writing those Bidders/Service providers that have achieved/qualified the minimum overall technical score/Mandatory evaluation criteria and inform them of the date, time and location for the opening of the financial bids/Proposals. The opening date should allow the Bidders/Service providers sufficient time to make arrangements for attending the financial bid opening. The Bidders/Service provider's attendance at the opening of the Financial Bids/Proposals (in person) is optional and is at the Bidders/Service provider's choice.

v) The Financial Bids/Proposals shall be opened by the Client's Bid/evaluation committee in the presence of the representatives of those Service providers whose bids/proposals have passed the minimum technical score/mandatory criteria and who chose to be present.

vi) If after the examination of the terms and conditions and the technical evaluation, the Procuring Agency determines that the Bid is not responsive in accordance**,** it shall reject the Bid.

2.5.6. Correction of Errors

i) Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows;

a) if there is a discrepancy between unit prices and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected, unless in the opinion of the Procuring Agency there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;
b) if there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub-totals shall prevail and the total shall be corrected; and
c) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.
d) Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bid, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.

ii) The amount stated in the Bid will, be adjusted by the Procuring Agency in accordance with the above procedure for the

correction of errors. The concurrence of the Bidder shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, its Bid will then be rejected, and the Bid Security may be forfeited or the Bid Securing Declaration may be executed in accordance with **ITB 2.3.7.**

2.5.7. Conversion to Single Currency

i) As per rule 32(2) of PPR-14, to facilitate evaluation and comparison, the Procuring Agency will convert all Bid prices expressed in the amounts in various currencies in which the Bid prices as follows;

In terms of PPRA of Rules 2014 for the purposes of comparison of bids prices quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate, prevailing on the date of opening of bids specified in the bidding documents, as notified by the State Bank of Pakistan on that day.

2.5.8. Post-qualification & Evaluation of Bids

i) In the absence of **prequalification**, the Procuring Agency will determine to its satisfaction whether the Bidder is qualified to perform the contract satisfactorily, in accordance with the evaluation criteria listed in BDS & pursuant to ITB Clause 2.1.3.

i) The determination will take into account the Bidder's financial, technical, and production/ supplying capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information required for eligibility/qualification expressed in Bid Data Sheet as the Procuring Agency deems necessary and appropriate.

ii) The Procuring Agency will **technically evaluate** and compare the Bids which have been determined to be substantially responsive, pursuant to ITB Clause 2.5.5.

iii) The **financial evaluation** of a Bid will be on the basis of Total Bid Price for four years as quoted / offered by the bidder in Price Schedule / Financial Bid Form (F1 & F2) which must be inclusive of all prevailing taxes, duties along with observance of minimum wages, regulations as per labor laws and other obligations under the TORs / Scope of Services etc.

2.5.9. Contacting the Procuring Agency

i) Subject to ITB Clause 2.5.3, no Bidder shall contact the Procuring Agency on any matter relating to its Bid, from the time of the Bid opening to the time the evaluation report is made public i.e. 10 days before the contract is awarded. If the Bidder wishes to bring additional information or has grievance to the notice of the Procuring Agency, it should do so in writing.

ii) Any effort by a Bidder to influence the Procuring Agency during Bid evaluation, or Bid comparison may result in the rejection of the Bidder's Bid.

2.5.10. Grievance Redressal

i) As per Rule-67 of PPR-14, Procuring Agency constituted a Grievance Redressed Committee (GRC) comprising of odd number of persons with proper powers and authorization to address the complaints and the same is also associated with the tender on E-P.

ii) Any Bidder feeling aggrieved can file its written complaint through E-P against the eligibility parameters or any other terms and conditions prescribed in the Bidding documents found contrary to provision of Rule 34, and the same shall be addressed by the GRC well before the proposal submission deadline.

iii) Any Bidder feeling aggrieved by any act of the Procuring Agency after the submission of his Bid may lodge a written complaint through E-P concerning his grievances not later than ten days after the announcement of the Final evaluation reports. In case of single stage - two envelope bidding procedure, any bidder feeling aggrieved from technical evaluation may file a grievance within 5 days of announcement of the technical evaluation report. After completion of the technical evaluation process, the procuring agency shall immediately upload the technical evaluation report on the website of PPRA for obtaining / receiving grievance petitions from the prospective bidders (if any).

iv) In case, the complaint is filed after the issuance of the final evaluation report, the complainant cannot raise any objection on technical evaluation of the report. Provided that the complainant may raise the objection on any part of the final evaluation report in case where single stage one envelope bidding procedure is adopted.

v) The GRC shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

2.6. Award of Contract

2.6.1. Notification of Award

i) Prior to the expiration of the period of Bid validity, the Procuring Agency will notify the successful Bidder in writing by registered letter or by email to be confirmed in writing by registered letter, that its Bid has been accepted.

ii) The notification of award will constitute the formation of the Contract.

iii) Upon the successful Bidder's furnishing of the Performance Guarantee, the Procuring Agency will promptly notify each unsuccessful Bidder and will discharge its Bid security, pursuant to ITB Clause 2.3.7.

iv) The successful bidder will provide stamp papers as per Stamp Duty Act II of 1899 and as per requirement of Procuring Agency.

2.6.2. Performance Guarantee

i) Within Fifteen (15) days of the receipt of notification of award from the Procuring Agency, the successful Bidder shall furnish the Performance Guarantee in accordance with the Conditions of Contract, in the Performance Guarantee Form provided in the Bidding documents.

ii) Failure of the successful Bidder to comply with the requirement of ITB Clause (i) above or ITB Clause 2.6.3 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid security along with other remedies available under PPR-14. After that, the Procuring Agency may decide to award the contract to the next lowest evaluated Bidder, keeping in view the Bid validity time, or call for new Bids keeping in view the concept of value for money as defined under rule-2(ae) read with Principles of Procurement as enunciated in rule-4 of PPR-14.

2.6.3. Signing of Contract/ Issuance of work Order

i) At the same time as the Procuring Agency notifies the successful Bidder that its Bid has been accepted, the Procuring Agency will send the Bidder the Contract Form provided in the Bidding documents, incorporating all Contracts between the parties.

ii) Under rule-63 of PPR-14, where the Procuring Agency requires formal signing of contract, within Three (03) days of receipt of the Contract Form, the successful Bidder shall sign and mention date of the contract and return it to the Procuring Agency.

iii) Where no such formal signing is required by the procuring agency, the procuring agency shall issue purchase order / award letter after the receipt of required performance guarantee, as per rule 55 of PPR-14.

2.6.4. Award Criteria

i) Subject to ITB Clause 2.6.2, under rule-55 of PPR-14, the Procuring Agency will award the contract to the successful Bidder whose Bid has been determined to be substantially responsive and has been determined to be the lowest evaluated

Bid, provided that the Bidder has been determined to be qualified to perform the contract satisfactorily.

2.6.5. Procuring Agency's Right to Vary Quantities at Time of Award

i) The Procuring Agency within permissible rules may increase or decrease the scope of services / quantities for **OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD (RURAL-II AREAS).**

2.6.6. Procuring Agency's Right to Accept or Reject All Bids

i) As per rule 35 of PPR-14, the Procuring Agency reserves the right to reject all Bids or proposals (and to annul the Bidding process) at any time prior to the acceptance of any Bid or proposal, without thereby incurring any liability towards the Bidders. However, the Authority (i.e. PPRA) may call from the Procuring Agency the justification of those grounds.

ii) The Bidders shall be promptly informed about the rejection of the Bids, if any

iii) The Procuring Agency shall upon its request communicate to any Bidder, the grounds for rejection of all Bids or proposal, but shall not be required to justify those grounds.

2.6.7. Re-Bidding

i) If the Procuring Agency rejects all the Bids under rule 35, it may proceed with the process of fresh Bidding but before doing that it shall assess the reasons for rejection and may, if necessary, revise specifications, evaluation criteria or any other condition for Bidders.

2.6.8. Corrupt or Fraudulent Practices

i) The Procuring Agency requires that Bidders, Service Providers, and Contractors observe the highest standard of ethics during the procurement and execution of contracts.

"Corrupt practices" in respect of procurement process, shall be as defined under in Section-2 (d) of PPRA Act, 2009.

"(d) "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official, bidder or Contractor in the procurement process or in Contract execution to the detriment of the procuring agency; or misrepresentation of facts in order to influence a procurement process or the execution of a Contract, collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, noncompetitive levels and to deprive the procuring agency of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty; it may include any of the following:

i. *coercive practice by impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;*
ii. *collusive practice by arrangement between two or more parties to the procurement process or Contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;*
iii. *offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;*
iv. *any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;*
v. *obstructive practice by harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a Contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit process."*

ii) Blacklisting & Debarment:

Blacklisted firms / bidders and those who have gone in the court against such order are not allowed to participate in bidding. If any bidder during the bidding process or the contractor after award of contract found involved any of the practice as defined & mentioned under section 2(d) of PPRA Act 2009 read with Rule 20 and 21 of PPRA Rules 2014 and schedule attached herewith shall be proceeded against as per aforementioned PPRA Act/Rules.

Sub Requirements & Procedure for Blacklisting & Debarment:

S-17A of PPRA, Act, 2009: **"*17A. Blacklisting*.** *(1) A procuring agency may, for a specified period and in the prescribed manner, debar a bidder or Contractor from participating in any public procurement process of the procuring agency, if the bidder or Contractor indulges in corrupt practice or any other prescribed practice.*

(2) *The Managing Director may, in the prescribed manner, debar a bidder or Contractor from participating in any public procurement process of all or some of the procuring agencies for a specified period.*

(3) *Any person, aggrieved from a decision of a procuring agency, may within prescribed period prefer a representation before the Managing Director.*

(4) *A procuring agency or any other person, aggrieved from a decision of the Managing Director, may within prescribed period prefer a representation before the Chairperson whose decision on such representation shall be final.]*

As per rule 21 of PPR-14:

***21. Blacklisting**.–(1) A procuring agency may, for a specified period, debar a bidder or Contractor from participating in any public procurement process of the procuring agency, if the bidder or Contractor has:*

(a) acted in a manner detrimental to the public interest or good practices;

(b) consistently failed to perform his obligation under the Contract;

(c) not performed the Contract up to the mark; or

(d) Indulged in any corrupt practice.

(2) If a procuring agency debars a bidder or Contractor under sub-rule (1), the procuring agency:

(a) shall forward the decision to the Authority for publication on the website of the Authority; and

(b) May request the Authority to debar the bidder or Contractor for procurement of all procuring agencies.

(3) The Managing Director may debar a bidder or Contractor of any procuring agency from participating in any public procurement process of all or some of the procuring agencies for such period as the Managing Director may determine.

(4) Any person aggrieved by a declaration made under rule 20 or a decision under sub-rule (1) of this rule may, within thirty days from the date of the publication of the information on the website of the Authority, file a representation before the Managing Director and the Managing Director may pass such order on the representation as he may deem fit.

(5) Any person or procuring agency aggrieved by an order under sub-rule (3) or (4) may, within thirty days of the order, file a representation before the Chairperson and the Chairperson may pass such order on the representation as he may deem appropriate.

(6) The mechanism or process for barring a bidder or Contractor from participating in procurement process of a procuring agency, procuring agencies and a representation under this rule is specified in the Schedule appended to these rules.

As per Schedule appended with PPR-14:

SCHEDULE

see sub-rule (6) of rule 21

BLACKLISTING MECHANISM OR PROCESS

1. *The procuring agency may, on information received from any resource, issue show cause notice to a bidder or Contractor.*
2. *The show cause notice shall contain:*
   - *(a) precise allegation, against the bidder or Contractor;*
   - *(b) the maximum period for which the procuring agency proposes to debar the bidder or Contractor from participating in any public procurement of the procuring agency; and*
   - *(c) The statement, if needed, about the intention of the procuring agency to make a request to the Authority for debarring the bidder or Contractor from participating in public procurements of all the procuring agencies.*
3. *The procuring agency shall give minimum of seven days to the bidder or Contractor for submission of written reply of the show cause notice.*
4. *In case, the bidder or Contractor fails to submit written reply within the requisite time, the procuring agency may issue notice for personal hearing to the bidder or Contractor/ authorize representative of the bidder or Contractor and the procuring agency shall decide the matter on the basis of available record and personal hearing, if availed.*
5. *In case the bidder or Contractor submits written reply of the show cause notice, the procuring agency may decide to file the matter or direct issuance of a notice to the bidder or Contractor for personal hearing.*
6. *The procuring agency shall give minimum of seven days to the bidder or Contractor for appearance before the specified officer of the procuring agency for personal hearing.*
7. *The procuring agency shall decide the matter on the basis of the available record and personal hearing of the bidder or Contractor, if availed.*
8. *The procuring agency shall decide the matter within fifteen days from the date of personal hearing unless the personal hearing is adjourned to a next date and in such an eventuality, the period of personal hearing shall be reckoned from the last date of personal hearing.*

9. *The procuring agency shall communicate to the bidder or Contractor the order of debarring the bidder or Contractor from participating in any public procurement with a statement that the bidder or Contractor may, within thirty days, prefer a representation against the order before the Managing Director of the Authority.*

10. *The procuring agency shall, as soon as possible, communicate the order of blacklisting to the Authority with the request to upload the information on its website.*

11. *If the procuring agency wants the Authority to debar the bidder or Contractor from participating in any public procurement of all procuring agencies, the procuring agency shall specify reasons for such dispensation.*

12. *The Authority shall immediately publish the information and decision of blacklisting on its website.*

13. *In case of request of a procuring agency under para 11 or representation of any aggrieved person under rule 21, the Managing Director shall issue a notice for personal hearing to the parties and call for record of proceedings of blacklisting. The parties may file written statements and documents in support of their contentions.*

14. *In case of representation of any aggrieved person or procuring agency under rule 21, the Chairperson shall issue a notice for personal hearing to the parties and may call for the record of the proceedings. The parties may file written statements and documents in support of their contentions.*

15. *In every order of blacklisting under rule 21, the procuring agency shall record reasons of blacklisting and also reasons for short, long or medium period of blacklisting.*

16. *The Authority shall upload all the decisions under rule 21, available with it, on its website. But the name of a bidder or Contractor shall immediately be removed from the list of blacklisted persons on expiry of period of blacklisting or order of the competent authority to that effect, whichever is earlier.*

17. An effort shall be made for electronic communication of all the notices and other documents pursuant to this mechanism or process."

iii) Furthermore, Bidders must keep themselves aware of the provision stated in clause 5.4 and clause 24.1 of the General Conditions of Contract.

2.6.9 Integrity Pact

2.6.9.1 Each Bidder shall sign and stamp the Bidding Form T2 (Form of Integrity Pact) provided in the Bidding Document (the "Integrity Pact"). Failure to provide such Integrity Pact may render the Bid non-responsive.

2.6.10 Insurance and Indemnification

2.6.10.1 If a Bidder is selected as the Successful Bidder, it will be presumed that it understands, undertakes and confirms all the terms & conditions pre-requisite and requirement of the project already conveyed through detailed bidding document and shall be responsible for procuring the relevant insurances relating to the Bidder / contractor`s Obligations, including those required under law and for theft and arson of the vehicles and workers` insurance (other than any insurances which may be the responsibility of the Employer). All fees, costs and other expenditures relating to such insurances shall be borne by the Bidder / contractor.

2.6.10.2 Furthermore, the cost for insurances may be included in the Financial Proposal by the Bidders. The Bidders are required to specify all the insurances that typically required for the project of this nature including those specified in the Agreement.

2.6.10.3 The Bidder / contractor shall be responsible for safeguarding of work and workplaces and shall take all insurances required by pertinent legislations and submit the policies thereof to the Employer. The Bidder / contractor shall be responsible for any damages caused by its staff, personnel, assignees, Sub-Contractors etc. including staff outsourced/handed over by LWMC, in respect of work performed under the Agreement.

2.6.10.4 The Bidder / contractor shall indemnify the LWMC, its employees against all losses and claims in respect of:

I. Death or injury to any person, due to accident.
II. Loss or damage to any vehicle, plant, property which may arise out of accident or public riot or in consequences of performing the Bidder / contractor`s Obligations and against all claims, proceedings, damages, cost, charges and expenses, whatsoever in respect of or in relation thereto.
III. Defects in Bidder / contractor's performance of the Bidder / contractor`s Obligations.
IV. Actions and omissions of the Sub-Contractor.
V. The Bidder / contractor shall be directly responsible for the choice or use of defective or non-compliant tools or machineries, deficiencies of performance in works and services, mistakes in sufficient supervision or any failure to incur other losses and damages which may occur due to similar reasons.

Section-III. TECHNICAL SPECIFICATIONS / TORS

FOR

OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL-II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS)

Note: Technical Specifications of Machinery & Equipment are appended at the end of this bidding document.

Scope of Services

Scope of Services are described as under;

SOLID WASTE MANAGEMENT (SWM) OPERATIONS PLAN

FOR

DISTRICT	**FAISALABAD**
TEHSIL	**FAISALABAD (RURAL-II AREAS)**



SEPTEMBER 2026

LIST OF ABBREVIATIONS

BW	Bulk Waste
DC	District Council
DtD	Door to Door
DS	Dumpsite
HH	Household
KM	Kilo Meter
LGCD	Local Government & Community Development
SPAF	Suthra Punjab Agency Faisalabad
FWMC	Faisalabad Waste Management Company
MC	Municipal Committee
MSW	Municipal Solid Waste
M^3	Cubic Meter
SOP	Standard Operating Procedure
SWM	Solid Waste Management
SW	Sanitary Worker
TCP	Temporary Collection Point
UC	Union Council
WB	World Bank

1. Demography

The current Local Government and Community Development (LGCD) division of Tehsil/District comprises a blend of Municipal Committees and the District Council. According to existing demography, the urban sector of the Tehsil consists of Municipal Committees, while the remaining areas fall under the jurisdiction of the District Council. Municipal Committees are organized into wards, whereas the District Council comprises Union Councils, encompassing villages, towns, and semi-urban areas within the Tehsil.

Tehsil Faisalabad comprises of MC Faisalabad & MC Dijkot having 157 UC & 11 wards respectively and 59 Rural UCs. However, the main particulars of tehsil Faisalabad (Rural-II) are as follow;

Table 1 Summary of Tehsil Faisalabad (Rural-II)

Tehsil	Faisalabad (Rural-II)
No. of Rural UCs	29
No. of Urban UCs	MC Dijkot
Population of Rural-II (Census 2023)	853,530
Urban population (MCs)	96,934
Rural population (UCs)	756,596
Total House Hold	142,255
Estimated daily waste generation	Urban (MCs): Approx. 47 Tons @ 0.49 kg / capita Rural (UCs): Approx. 250 Tons @ 0.33 kg / capita Total = 297 / Day

Note: Waste generation is an estimated amount and it may vary (±) from the above-mentioned amount.

Map of Tehsil Faisalabad depicting boundary is attached below:

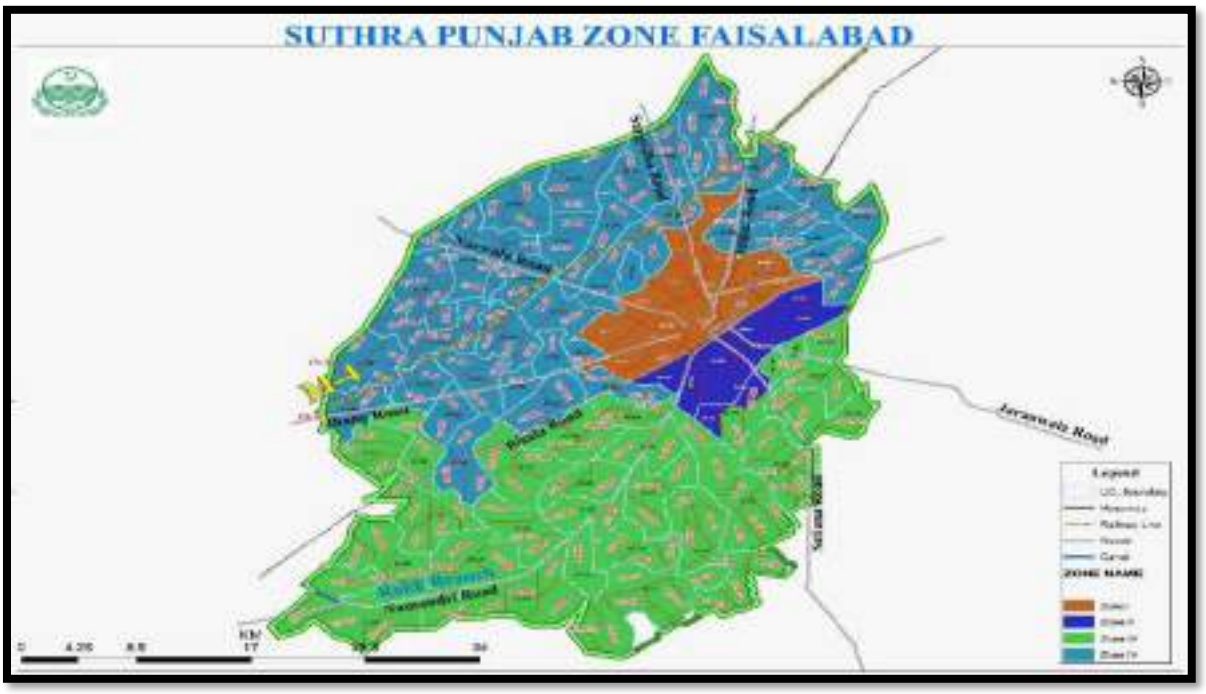


Figure 1: Map of Tehsil Faisalabad

2.Existing Resources:

The detail of existing HR and machinery given below in Table;

Table 2 Summary of Existing Resources of tehsil Faisalabad (Rural-II)

Human Resource					
Tehsil	**Sanitary Inspectors**	**Sanitary Supervisors**	**Sanitary Workers**	**Helpers**	**Driver**
Faisalabad (Rural-II)	0	0	0	0	0
Machinery					
Tehsil	**Dumper 5 cm^3**	**Dumper 10 cm^3**	**Tractor Trolley**	**Tractor Loader**	**Tractor Blade**
Faisalabad (Rural-II)	0	0	0	0	0
	Mech. Sweeper	**Mech. Washer**	**Compactor**	**Arm Roller**	**Mini Dumper**
	0	0	0	0	0
	Water Bowser	**Front End Loader**			
	0	0			
Equipment					
Tehsil	**Container 5 cm^3**		**Container 0.8 m^3**	**Hand cart**	
Faisalabad	0		0	0	

2. Waste Streams

The solid waste being generated in any area is divided into two streams i.e. Municipal Solid Waste (MSW) and Bulk Waste. Whereas, the total solid waste generation is calculated for urban areas is based on 0.44 kg per capita per day and for rural areas it's based on 0.38 kg per capita per day.

i Municipal Solid Waste (MSW)

Municipal solid waste (MSW), is a waste type consisting of everyday items that are discarded by the public, including items like food scraps, packaging materials, paper, plastics, glass, and other disposable items. For the SMW planning of the tehsil, 70% MSW generation in urban areas and 55% in rural areas, is estimated through best available information with the tehsil administration of total waste generated.

ii Bulk Waste (BW)

Bulk Waste refers to the large quantities of waste that are too large or heavy to be collected through dedicated collection methods. Examples include construction debris, animal dung, and backlog mixed waste lying in open plots or open spaces anywhere in the tehsil. Proper collection of bulk waste typically requires special handling and collection procedures.

Table 3 Waste Generation Estimates

Parameter	*Urban*	*Rural*
Waste Generation Rate[1]	0.49 kg per capita per day	0.33 kg per capita per day
Municipal Solid Waste (MSW) Proportion[2]	70%	55%
Bulk Waste (BW) Proportion2	30%	45%

1. Required SWM Operations Plan

In order to properly plan the SWM system of an area, it's highly significant to understand the infrastructure, socio-economic conditions, development resources and topographical dynamics of that area. SPA team visited each Municipal Committee and Union Council of the Tehsil to assess the requirements for proposed SWM system.

Various parameters have been collected from the discussion with concerned administrative officials and projected with the help of statistical models. The future system has been designed on the basis of:

- Population projection.
- Waste generation in these areas.
- Classification of SWM Services

[1] *Study of Urban Unit Department.*

[2] *This proportion is agreed upon based on survey, feedback and discussion with the relevant Tehsil staff.*

Upon area handover, the contractor must adhere to the outlined responsibilities, which serve as guidelines and minimum requirements. The contractor is also responsible for delivering top-quality services governed by the contract document.

The contractor will provide uniforms, shoes and jackets to supervisors, sanitary workers, and helpers as per following details.

- Uniforms of approved design by the client (Twice a year)
- Shoes of approved design by the client (Once a year)

The contractor will ensure the availability of proper PPE's to their workforce. Fleet/Vehicles and containers will be branded and designed by the contractor on the approved design by the client.
The detailed scope of services and proposed model is given below;

1.1. Scope of Services

A. Mechanical Sweeping and Washing (Urban)
   i. Mechanical Sweeping & Scrapping
   ii. Mechanical Washing

B. Manual Sweeping & De-silting

C. Primary Waste Collection
   i. Door to Door MSW Collection
   ii. Bulk Waste (BW) Collection

D. Temporary Waste Storage
   i. Waste Enclosures
   ii. Temporary Collection Points (TCP)

E. Secondary Waste Collection

F. Waste Disposal

G. Zero Waste Activities
   i. At the time of Zone takeover (once in the whole contract life and the contractor will be paid on actual work done)
   ii. Once every year or as per clients' requirement at different times

H. Public awareness campaign as approved by the client.

I. Revenue Collection by contractor

1.2. Proposed Model

(Urban Areas)



Figure 2: Proposed SWM Model for Urban Areas

Rural Areas



Figure 3: Proposed SWM Model for Rural Areas

A. Mechanical Sweeping and Washing (Urban)

i. Mechanical Sweeping & Scraping

Mechanical sweeping, especially with vacuum equipment, can remove dust and rubbish simultaneously, a task not possible with manual sweeping alone. While manual sweepers clear litter from pavements and grass, technical limitations and street obstacles like parked cars mean mechanical cleaning is most efficient alongside manual cleaning. Improved sweeping machines are now quieter, more economical, and meet emission standards, reducing the need for general personnel and allowing for more specialized roles like drivers and street sweepers. Additionally, the contractor will use appropriate tools and machinery for scraping activity of roads and client identified areas, removing accumulated mud, debris, and worn materials. The contractor is responsible for ensuring these areas are clean.

It is proposed to clear the major roads (min. 40 KM daily with each vacuum sweeper) of the Faisalabad Rural-II through 01 Vacuum Sweeper to improve the working efficiency as well as the cleanliness standards of the tehsil.

ii. Mechanical Washing

Mechanical washing is another importance component of waste management system where, public places, major roads, dividers, walkways are washed to improve the cleanliness impact. It is proposed to wash / sprinkle the major roads as specified by the client (min. 15 KM daily per 01 tractor mounted water bowser / washer), walkways of the Faisalabad Rural-II through washer to improve the working efficiency as well as the cleanliness standards of the tehsil.

Table 4 Kind of Resources Required for Mech. Sweeping and Washing

Resources	Urban	Rural
Helpers	✓	×
Drivers	✓	×
Vacuum Sweepers	✓	×
Mechanical Washers	✓	×

Table 5 Main Parameters for the Mech. Sweeping and Washing Activity

Parameter	Urban
Helpers	1 per Mechanical Washer
Drivers	1 per Vacuum Sweeper
Vacuum Sweeper	1 no. 6 hours a day per VS and min. 35 km per day per VS

Mechanical Washers	02 nos. 6 hours a day per washer and min. 05 km per day per washer

Frequency	Daily

Contractor's Responsibility:

- Identification of the roads for mechanical sweeping and washing as per submitted plan by the contractor.
- Formulation of the teams for mechanical sweeping and washing
- Formation of the schedule for mechanical sweeping and washing - Micro planning
- Deployment of resources as designed
- To arrange water sources for mechanical washing
- To train and guide the helpers and drivers on complete mechanical sweeping and washing mechanism
- To ensure adequate mechanical sweeping and washing as per given resources, mechanism and design parameters

iii. Manual Sweeping & De-silting

For major roads and inner streets cleaning in the tehsil (Faisalabad Rural-II), manual sweeping will be ensured. Moreover, Open drains are present in the urban area of tehsil (Faisalabad Rural -II), which needs regular de-silting to avoid any clogging of drains.

Mechanism:

Manual Sweeping: A dedicated team of sanitary workers with handcarts will be deployed to ensure proper manual sweeping and de-silting of the tertiary drains (i.e. 2 feet wide open) in the given areas. Manual sweeping of residential areas will be done as per the client's specified frequency. Meanwhile, commercial areas, both rural and urban of whole tehsil (Faisalabad Rural-II), will be swept daily. This activity will be monitored by the client through their digital monitoring system and staff.

The dedicated teams will engage in manual sweeping where infrastructure is present, such as metaled roads, rigid pavements & tuff paved streets etc. The workers will make small heaps of the collected waste on roads or streets sides and then collect the waste and dump in the nearby container.

De-silting: These dedicated teams /gangs of sanitary workers will also perform de-silting of tertiary drains (2 feet wide open) and collect waste from water channels. This silt will then be collected through hand carts and will be unloaded into nearby container or mini dumpers.

Moreover, a drain cleaner will be also being deputed in tehsil (Faisalabad Rural-

II) for drain cleanliness purposes.

Table 6 Kind of Resources Required for the Manual Sweeping and Desilting

Resources	***Urban***	***Rural***
Sanitary Workers	✓	✓
Hand Carts	✓	✓
Brooms	✓	✓
Drain Cleaner and other De-silting tools	✓	✓

Table 7 Main Parameters for the Manual Sweeping and Desilting Activity

Parameter	***Urban***	***Rural***
Sanitary Workers (SW)	1 SW per 200 HH	1 SW per 250 HH
Hand Carts	1 per 2 SW	1 per 2 SW
Frequency (Residential areas)	Thrice a Week	Thrice a Week
Frequency (Commercial areas)	Daily	Daily
Drain Cleaner	1 no.	1 no.

Contractor's Responsibility:

- Formulation of the beats and respective teams of sanitary workers for manual sweeping and de-silting
- Formation of the schedule for sanitary workers – Micro-planning
- Provision of resources
- To train and guide the sanitary worker on complete manual sweeping and de-silting mechanism
- To ensure 100% Manual sweeping and de-silting as per given targets, resources, mechanism and design parameters

iv. Primary Waste Collection

i. Door to Door MSW Collection

Mechanism:

For residential and commercial areas, 100% door to door (DTD) waste collection is proposed to ensure maximum cleanliness in the area.

Urban:

For the DTD services (reference to Figure 2), the waste collection is divided in to two

modes i.e. Container based (60%), Mini Dumpers (20%) and Loader Rikshaws (30%). A team of dedicated sanitary workers based on 1 sanitary worker per 200 populations (Urban Areas) will be deployed to collect waste from doorsteps.

1 handcart will be given per 02 sanitary workers which will be emptied in nearby container (0.8CM). These containers will be emptied in the compactors.

Whereas, the Mini Dumpers and Loader Rickshaws will also be given for door-to-door collection. These mini dumpers and loader rickshaws will be emptied at the nearby container of 05 cm^3 from where Chain Arm Roll will lift the container and disposed of it at TCP or MT& LR directly unloaded at TCP if it exists within the radius 6-8Km.

Rural:

For DTD services, 100% of MSW will be collected from doorsteps using loader rickshaws, each staffed with one driver & one helper / sanitary worker. 01 Loader Rickshaw will be allotted for 250 HH on alternative days. These rickshaws and Hand Carts will transport the waste to the nearest Waste Enclosure/Container 5 cm^3. DTD collection through loader rickshaws and Hand carts in entire rural tehsil (Faisalabad Rural-II) will be done thrice a week.

Table 8 Kind of Resources Required for the Door to Door Collection

Resources	*Urban*	*Rural*
Sanitary Workers	✓	✓
Helpers	✓	✓
Drivers	✓	✓
Hand carts	✓	✓
Containers 0.8m^3	✓	×
Mini Dumpers	✓	×
Loader Rickshaw	✓	✓
Containers 05m^3	✓	✓
Chain Arm Roll	✓	✓
Compactors 7m^3	✓	×

Table 9 Main Parameters for the Door to Door Activity

Parameter	*Urban*	*Rural*
Door to door collection	100 %	100%
Waste collection Frequency	Daily	Thrice a Week
Waste availability	Readily available at doorstep	Readily available at doorstep
Sanitary Workers	1 SW per 200 Households	1 per Loader Rickshaw
Helpers	2 per Compactor	
Drivers	1 per Compactor 1 per Chain Arm Roll 1 per Mini Dumpers	1 per Loader Rickshaw 1 per Chain Arm Roll
Hand carts	1 per 2 SW	1 per 2 SW
Containers (0.8m^3)	Capacity 250 kg 1-time lifting Will handle 60% of generated MSW	-

Loader Rickshaw	Capacity 700 kg 3 trips daily Will handle 30% of generated MSW	Capacity 700 kg 2 trips daily
Mini Dumpers	Min. Capacity 700 kg 3 trips daily Will handle 20% of generated MSW	-
Compactors 7m^3	Min. Capacity 4 tons 3 to 4 trips to TCP	-
Containers (5m^3)	Min. Capacity 2.5 Tons One-time lifting daily MSW offloaded from Mini dumpers & LR	Min. Capacity 2.5 Tons One-time lifting daily MSW offloaded from LR
Chain Arm Roll	Min. Capacity 2.5 tons 3 trips to TCP	Min. Capacity 2.5 tons 3 trips to TCP

Contractor's Responsibility:

- Formulation of the beats and respective teams of sanitary workers
- Formation of the schedule for sanitary workers – Micro-planning
- Provision of resources
- To train and guide the sanitary worker on complete DTD mechanism
- To ensure 100% DTD services as per given targets, resources, mechanism and assumptions

ii. Bulk Waste Collection

Mechanism:

Urban: Bulk waste (approx. 30% of total waste) will be lifted by using dumpers 5 m^3 and Tractor Loaders. Dedicated sets of Tractor Loader and Dumpers will be deployed in tehsil (Faisalabad Rural-II) to cater the bulk waste on daily basis to ensure zero waste in the entire tehsil (Faisalabad Rural-II). The machinery will be deployed as per schedule to attend all possible areas of the tehsil (Faisalabad Rural-II) including open plots, open heaps, dunghills, hotspots, debris etc. These dumpers will directly be unloaded into the nearby TCPs of the tehsil (Faisalabad Rural-II), for further disposal.

Rural: Bulk waste (45% of total waste) will be lifted by using Tractor Trolleys and Tractor Loaders. Dedicated sets of Tractor Loader and Trolleys will be deployed in tehsil (Faisalabad Rural-II) to cater the bulk waste on daily basis to ensure zero waste in the entire tehsil (Faisalabad Rural II). The machinery will be deployed as per schedule to attend all possible areas of the tehsil (Faisalabad Rural-II) including open plots, open heaps, dunghills, hotspots, debris etc. These Trolleys will directly be unloaded into the nearby TCPs of the tehsil (Faisalabad Rural-II), for further disposal.

Table 10 Kind of Resources Required for the Bulk Waste Collection

Resources	Urban	Rural
Drivers	✓	✓
Tractor Loaders	✓	✓
Tractor Trolleys	×	✓
Dumpers 5m^3	✓	×

Table 11 Main Parameters for the Bulk Waste Collection Activity

Parameter	Urban	Rural
Bulk Waste	30% of total waste	45% of total waste
Drivers	1 per Tractor Loader 1 per Dumper 5m^3	1 per Tractor Loader 1 per Dumper 5m^3 1 per Tractor Trolley
Tractor Loader	1 per 3 Dumpers 5m^3	1 per 3 Dumpers 5m^3 1 per 3 Trolleys
Dumper 5m^3	Designed Capacity 3 tons 5 trips	-
Tractor Trolley	-	Designed Capacity 2.5 tons 3 trips
Frequency	Daily (as per schedule)	Daily (as per schedule)

Contractor's Responsibility:

- Identification of open plots, heaps, dunghills, hotspots, debris and illegal dumping points.
- Formation of the schedule for the machinery sets for clearance of bulk waste on regular basis – Micro-planning
- Provision of resources
- The contractor will use a fleet of trolleys and dumpers, operating at designed capacity, to transport bulk waste.
- The contractor will cover the bulk waste with tarpaulins to prevent any spillage on roads during transportation.
- To train and guide the sanitary worker on complete bulk waste clearance
- To ensure 100% bulk waste clearance as per given targets, resources, mechanism and assumptions.

v. Temporary Waste Storage

i. Waste Enclosures (WE)

For rural areas Waste Enclosures are proposed to unload the Loader Rickshaws that are carrying door to door collected waste. These Waste enclosures will not only save the

transportation time but will also save the cost of trips of Rickshaws. The machinery at Waste Enclosure is proposed on tonnage lifting basis. It is proposed to establish 02 Waste Enclosures in each Union Council of Rural areas.

Table 12 Kind of Resources Required for Waste Enclosures

Resources	***Rural***
Drivers	✓
Dumpers 5m^3	✓
Tractor Loader	✓

Table 13 Main Parameters Required for Establishment of Waste Enclosures & Removal of Waste Activity from Enclosures

Parameter	***Rural***
Number of Enclosure	3 Enclosures per UC
Clearance Frequency	Thrice a week
Area	5 – 7 Marlas
Specifications	RCC flooring Precast Planks
Dumpers 5m^3 for waste enclosure	Capacity 3 tons 5 trips
Tractor Loader	1 per 3 Dumpers 5m^3

Contractor's Responsibility:

- Identification of sites for establishment of Waste Enclosures (WEs)
- Formulation of specifications of the WEs and their approval from concerned client and authorities
- Establishment of Wes as per designed number and as per approved / agreed specifications

ii. Temporary Collection Points (TCPs)

The farther the ultimate disposal site is from the collection area, the greater the savings that can be realized from use of a Temporary Collection Point (TCP). The minimum distance at which use of a TCP becomes economical depends on local economic conditions.

Mechanism:

The MSW and BW collected from entire tehsil (Faisalabad Rural-II) through different collection modes and machinery will ultimately be collected at the Temporary collection points (TCPs). Waste collection vehicles will temporarily dump waste at TCPs from where it will be transported to dumpsite for controlled disposal on daily basis. The TCPs will be established in the tehsil (Faisalabad Rural-II) as per requirement. The TCPs to be designed to cater at least 100 to 150 tons of solid waste on an areas measuring 2 to 3 Kanals. The complete management of TCPs as per standard practices from establishment to clearance and maintenance would the responsibility of respective contractor.

Table 14 Main Parameters for Establishment of TCPs & Removal of Waste from TCPs

Parameter	*Urban*	*Rural*
Areas	2 Kanals	2 Kanals
Capacity	100 to 150 tons	100 to 150 tons
Specifications	RCC flooring Precast Planks	RCC flooring Precast Planks
Clearance Frequency	Daily	Twice a week

Contractor's Responsibility:

- Formulation of specifications of the TCPs and their approval from concerned client and authorities.
- Establishment of TCPs as per designed number and as per approved / agreed specifications.
- The contractor will responsible to establish 07 TCPs

vi. Secondary Waste Collection

Secondary Waste collection refers to transportation of waste from Temporary Collection Point (TCP) to disposal site. For the said secondary waste collection purposes dedicated machinery sets Dumpers 20m^3 and Front-End Loaders are deployed at each TCP. The TCPs are cleared on daily basis to ensure Zero waste.

Table 15 Main Parameters Required for Establishment of TCPs

Parameter	*Urban*	*Rural*
Drivers	1 per Dumper 20m^3 1 per Front End Loader	1 per Dumper 20m^3 1 per Front End Loader

Dumpers 20m^3	Capacity 15 tons 4-5 trips to DS Minimum 1 at each TCP	Capacity 15 tons 4-5 trips to DS
Front End Loader	1 per each TCP	1 per each TCP
TCP clearance Frequency	Daily	Thrice a week

Contractor's Responsibility:

- Deployment of resources as designed
- TCPS management and maintenance on regular basis
- To ensure waste clearance from TCPs as per given targets, resources, mechanism and assumptions
- Waste clearance frequency for joint TCP (urban and rural) will match the urban schedule of daily clearance.

vii. Waste Disposal

The contractor will establish a controlled dumpsite to minimize environmental and health hazards. A 3-feet thick clay lining will be installed on the foundation/embankment with a slope specified by the client based on existing ground conditions. The clay lining will have an acceptable permeability limit. The embankment will be designed to allow leachate to flow by gravity to a designated collection point. This leachate will be collected with a gully sucker and regularly sprinkled on access roads and waste. Furthermore, fencing for access control, daily soil covering to prevent waste spread, pests, scavenging, and fires, with staff and machinery to ensure proper waste handling. The List of resources is tabulated below. Moreover, the contractor will establish a controlled dumping site until then, the contractor will arrange make shift arrangements for waste dumping / disposal.

Table 16 Kind of Resources Required for Controlled Dumpsite

Parameter	***Unit***	***Definition***
Design Area	Acre	08 Acres
Design Life	Years	07 Years

Pit less Weigh Bridge & its allied facilities	30 feet X 10 feet	Pit less weigh bridge as per client approved specifications with all its related civil works i.e. operator room, rigid pavements & allied IT equipment's.
Machinery	Front End Loader	1 Front End Loader for waste spreading, compaction, and soil loading
	Dumpers (10 m^3)	1 Dumper for soil transportation and Backlog removal
	Gully Sucker	1 Gully Sucker for leachate collection and sprinkling on waste and access roads.
Working Hours	240 Hours	8 hours per day based on daily tonnage
Human Resource	Supervisors	2
	Ground men	2

In general, it is planned to establish one (01) disposal site for tehsil (Faisalabad Rural-II), within the radius of not exceeding 45 KMs from each TCP in the tehsil (Faisalabad Rural-II). However, in case of single contractor qualifying for one district the number of disposal site may also be decreased by establishing only one or two disposal site(s) for the entire District depending upon ground conditions for the sake of Environmental viability. Distance of TCPs from the proposed dumpsite may be considered.

Contractor's Responsibility:

- Establishment of dumpsite as per approved designed standards by the client.
- The contractor will establish a pit-less weighbridge of size 30 feet x 10 feet (30' x 10'), including its supporting structure made of steel with a size of 600 x 200mm x 9 feet 6 inches.
- The cross girder (26 No.) will consist of I-beam, measuring 200 x 100mm x 9 feet 6 inches.
- The supporting girders (02 No.) will be 200 x 100mm x 9 feet 6 inches, incorporating an MS plate of 12mm plane (30 x 10) feet
- Load cell (04 No.) with 40 tons' capacity each.
- Junction box (01 No.) compatible.
- The weighbridge will have a lane size of 30 x 10 feet and a weighing capacity of 60 tons.
- All necessary accessories will be included, and fitting installations will be completed as part of the job. RFID System (complete trunk key solution), IP Cameras, UPS & Generator, Controller, Desktop Computer, AC, AVR (Automatic Voltage regulator)
- Rigid pavements (RCC slab, compacted base course etc.) of minimum 1 feet thickness & length approx. 15 feet on each side of weigh bridge as per client approved designed.

- Additionally, the contractor will establish an operator room with a minimum size of 20 x 12 feet, incorporating all necessary facilities such as a toilet, kitchen as per approved designed by client.
- Contractor will build security guard room on top of operator room as per approved designed by the client.
- Weigh bridge control will be in the custody of client i.e. F
- WMC. Contractor will only establish and maintain R&M related works.
- Contractor will deploy resources as per client designed criteria.
- Dumpsite management and maintenance on regular basis as per designed criteria
- Leveling, compacting and Soil Covering & sprinkling of collected leachate on dumped waste.

viii. Zero Waste Activities

The contractor will conduct at least following zero waste activities;

i. At the time of Tehsil (Faisalabad Rural-II) takeover

ii. At least three to four times in a year or as per clients' requirement at different times done within scope of work.

- ***One Time Cleaning and Rehabilitation/Reclamation of Exiting Dump site:***

  - Client may ask to contractor to perform one time cleaning activity for removal of all backlog of waste present in the area identified by the contractor for the approval of the client. For the said activity the contractor will identify the hotspots carrying backlog waste, including open plots, open heaps, depressions etc. along with the coordinates. The contractor will get the list of these identified hotspots approved from the client and will get them clear accordingly.

  - Client may ask to contractor for rehabilitation/reclaiming of existing dumpsite with proposed mechanism identified by the client.

  - In the future, if GOPb establishes MRFs in the respective Tehsil (Faisalabad Rural-II) areas, the contractor may be asked to segregate waste at TCPs. Further, its transportation to the MRF's.

ix. Revenue Collection

Contractor will be responsible for revenue collection in entire Zone. Detailed mechanism of revenue collection is explained in sub heading 11.

x. Public Awareness Campaign

The contractor's plan will include a public awareness campaign, subject to prior approval from the client. The contractor will submit a detailed micro plan for the campaign, covering schools, residential areas, and commercial areas. Contractor will ensure proper branding of all

containers, hand carts, waste drums and operational fleet as per the design / specimen approved by the client.

2. Required Resources

2.1. Human Resource

Table 18 Required HR

Sr. #	Description	Urban	Rural	Total
1	Sanitary Workers	156	476	632
2	Sanitary Supervisors	05	29	34
3	Helpers	04	0	04
4	Drivers	52	201	253
	Total	217	706	923

2.2. Machinery

Table 19 Required Machinery

Sr. #	Type of Vehicles	Urban	Rural	Total
1	Loader Rickshaw	41	128	169
2	Tractor Trolly	0	29	29
3	Dumper 5m3	01	05	06
4	Tractor Loader	01	17	18
5	Dumper 20m3/13.5m3	01	07	08
6	Front End Loader	01	03	04
7	Tractor Sweeper	01	0	01
9	Drain Cleaner (Tractor with Hoe)	01	03	04
8	Mechanical Washer	01	0	01
10	Water Bowser	0	0	0
11	Container Repair Vehicle (CRV)	01	0	01
12	Tractor Blade	01	01	02
13	Compactor (7m3)	01	0	01
14	Chain Arm Roll	01	08	09
	Total	52	201	253

2.3. Tools, Equipment & Infrastructure

Table 20 Required Tools & Equipment

Tools & Equipment			
Description	**Urban**	**Rural**	**Total**
Containers 0.8m3	34	0	34
Containers 5m3	07	34	41
Hand Carts	60	232	292
Waste Drum	0	420	420
Waste Enclosure	0	87	87
TCP	01	03	04
Total	102	776	878

2.4. Dumpsite Machinery

Table 21 Required Machinery for Dumpsite

Sr. #	Description	Total
1	Dumper (10m3)	01
2	Front End Loader	01
3	Gully Sucker (4000 Liters)	01
4	Chain Bulldozer	01
	Total	04

3. Comparison

3.1. Human Resource

Table 21 Comparison of HR

HR				
Sr. #	**Description**	**Existing**	**Required**	**Difference**
1	Sanitary Workers	0	632	632
2	Sanitary Supervisors	0	34	34
3	Helpers	0	04	04
4	Drivers	0	253	253
	Total	0	923	923

3.2. Machinery

Table 23 Comparison of Machinery

Machinery (excluding Landfill Machinery)				
Sr.#	**Type of Vehicles**	**Existing**	**Required**	**Difference**
1	Loader Rickshaw	0	169	169
2	Tractor Trolly	0	29	29
3	Dumper 5m3	0	06	06
4	Tractor Loader	0	18	18
5	Dumper 20m3/13.5m3	0	08	08
6	Front End Loader	0	04	04
7	Tractor Sweeper	0	01	01
9	Drain Cleaner (Tractor with Hoe)	0	04	04
8	Mechanical Washer	0	01	01
10	Water Bowser	0	0	0
11	Container Repair Vehicle (CRV)	0	01	01
12	Tractor Blade	0	02	02
13	Compactor (7m3)	0	01	01
14	Chain Arm Roll	0	09	09
	Total	0	253	253

Tools, Equipment & Infrastructure

Table 24 Comparison of Tools & equipment

Tools & Equipment			
Description	**Existing**	**Required**	**Difference**
Containers 0.8m3	0	34	34
Containers 5m3	0	41	41
Hand Carts	0	292	292
Waste Drum	0	420	420
Waste Enclosure	0	87	87
TCP	0	04	04
Total	0	878	878

4. Special services on Special Events

The contractor will ensure special cleanliness services and availability of requisite resources for special events including;

- Monsoon
- Eid-ul-Fitr
- Ramadan
- Eid-ul-Adha
- Muharram
- Eid Milad-ul-Nabi
- Christmas
- Any other event or emergency

The contractor will prepare proper SWM plan prior to each event for execution accordingly.

The SWM plan should cover;

- ➔ Standard Operating Procedure (SOPs)
- ➔ Hotspots as per the event
- ➔ Resources Required
- ➔ Deployment plan

5. Overall Monitoring of Operations

The client will develop a digital monitoring system, which will be used for measuring work progress for quality assurance and payment purposes. The Digital Monitoring System will report on predefined Key Performance Indicators (KPIs). It will be IT-based and include field monitoring by the client's supervisory team, village/ward committee notified by the client (VTMS/Digital Monitoring Mechanism).

Moreover, ***Work Satisfaction Stakeholder Committee (Village/Ward Committee)*** will also be constituted. The committee will consist of representatives from the public, who will be asked to report on the work satisfaction from the public perspective and can be linked with the payment mechanism. The Stakeholder Committee will be formulated by the client, and its

members will be decided within a reasonable time from the contract signing. The role of the committee is purely voluntary and will not supersede the management's opinions.

Further, the client will also nominate its committee to resolve any disputes regarding work verification.

In the case of the digital monitoring system being non-functional, the payment will be processed based on the submission of a verification report by the monitoring team of the client clearly based on the performance indicators.

6. Human Resource Management

For overall execution of Operations as per plan and its supervision, Sanitary Supervisors are proposed for the overall SMW management. One Supervisor is proposed for 25 Sanitary Workers in both Urban and Rural areas. Administration cost (3% of the operations cost) is included in the project cost.

7. Cost Estimates

Table 25 Costing Detail of Tehsil Faisalabad (Rural -II Areas)

Annual Estimated Cost (Rs. in Millions)	PKR 1,844.40/- Million
Cost per Ton (Rs.)	Rs.17,014/-
Cost per Capita per Month (Rs.)	Rs.180/-

Note:

- Life of 0.8m3 containers 2 Years
- Life of 5m3 containers 3 years
- Hand cart life 1 year.
- HR Cost is tabulated below;

Particulars	HR Cost / Employee / Month
Sanitary workers	45,200
Supervisors	50,986
Helpers	45,200
Drivers	52,618

- HR cost includes salary, social security, EOBI and GLI.
- HR cost of existing staff is not included in cost estimates. Only the deficit staff HR cost included in Cost estimates.
- Total estimated price for four years is inclusive of all applicable taxes.
- Escalation factor based on minimum wage of PKR 40,000/month as on Aug 11, 2026.
- Escalation factor based on high-speed diesel price of PKR 380.86 per liter as per PSO as on Aug 11, 2026.
- 3% of operational cost per year is included for special events/ Eid Ul Azha/zero waste activity
- 3% of operational cost per year is included as contingency.

- Rental cost of existing resources is not included in cost estimates.
- Fitness certificate & emission reports from transport department will be mandatory for rented vehicles.
- Cost of Temporary collection points and waste enclosures is included in cost estimates.
- Janitorial material (broom, lime etc.), PPE (masks, Gloves etc.), uniform Hand carts cost is included in cost estimates.
- Cost of PKR 200,000/- per month for public awareness also included in cost estimates.
- Cost estimates are based on 26 working days in a month.
- Monitoring / Monitoring Vehicle cost of PKR 400,000/- per month (annual PKR 4,800,000/-) included in cost estimates which will be recovered from the contractor on monthly basis.
- All waste carrying/transportation vehicle should be covered properly to avoid littering.

8. Fee Collection by Contractor

I. Fee Collection Responsibilities:

The Contractor providing sanitation services in Tehsil Faisalabad Rural-II shall also be responsible for the collection of sanitation fees from households, commercial entities, and other applicable premises, at the rates prescribed by the Government of Punjab, within the Contract Area, to the extent that such areas are not covered by the Excise Department for the collection of such fees. The Contractor shall conduct a comprehensive survey for the establishment and verification of the consumer database within the Contract Area. The survey shall cover all consumers within the Contract Area and shall include, at a minimum, the consumer's name, address/location, CNIC No., reference number, category, applicable service/fee details, and such other information as may be specified by the Client.

The Contractor shall complete, verify, reconcile, and submit the consumer database, together with all supporting survey records, to the Client within three (3) months from the Commencement Date, in a complete and satisfactory form and to the satisfaction of the Client.

II. Administrative / Collection Charges:

The contractor will be entitled to administrative / collection charges at the incremental / slab-based ratios prescribed below in Table 11.1 for the amount of fee collected. However, if the contractor fails to collect the desired target (25%, 40%, 60% & 65% for year 1, 2, 3 & 4 respectively), the contractor shall be penalized at the incremental / slab-based ratios prescribed below in Table 11.2.

III. Fee Deposit and Payment Process:

- The Contractor shall deposit full amount (100%) of fee collected into the bank account provided by SPAF / SPA.
- The contractor will submit separate invoice for administration charges on the fee collected on monthly basis.

IV. Commencement of Fee Collection:

Fee collection from households and commercial entities etc. shall commence on a date specified by the client but not later than four months after the execution of the contract. However, contractor will ensure zero billing to consumers in that period. Penalty on fee collection will start after six (06) months period.

V. Digital Billing System:

SPAF / SPA will establish a digital billing system to facilitate the contractor in fee collection.

VI. Enforcement of Bill Recovery:

SPAF / SPA, local governments and the District Administration will enforce and facilitate the bill recovery mechanism under the powers granted to them by the Local Government Act and applicable rules.

VII. Fee Charges Compliance:

The contractor is obligated to collect and submit fee charges according to the rates notified by the Government of Punjab (GOPb).

Table-11.1: Admin. / Collection Charges Mechanism for Fee Collection

Fee Collection Target (of assessed value)	Fee Collected	Contractor Share / Admin. Charges
25% (1st Year)	25%	10% of the Fee Collected
	25% to 50%	10% + 15% of the additional collection
	50% to 80%	10% + 15% of the additional 25% + 20% of the remaining
	80% to 100%	10% + 15% of the additional 25% + 20% of the additional 30% collection + 25% of the remaining
40% (2nd Year)	40%	10% of the Fee Collected
	40% to 60%	10% + 15% of the additional collection
	60% to 80%	10% + 15% of the additional 20% + 20% of the remaining
	80% to 100%	10% + 15% of the additional 20% + 20% of the additional 20% + 25% of the remaining
60% (3rd Year)	60%	10% of the Fee Collected

	60% to 80%	10% + 15% of the additional collection
	80% to 100%	10% + 15% of the additional 20% + 20% of the remaining
65% (4th Year)	65%	10% of the Fee Collected
	65% to 85%	10% + 15% of the additional collection
	85% to 100%	10% + 15% of the additional 20% + 20% of the remaining

Table-11.2: Penalty Mechanism for Below Fee Collection Target

Fee Collection Target (of assessed value)	Fee Collected	Contractor Penalty
25% (1st Year)	>20% to <25%	No Administrative / Collection Charges to the Contractor, No penalty
	>15% to ≤20%	No Administrative / Collection Charges & 1% deduction from the monthly Invoice of the Contractor against SWM Services
	>10% to ≤15%	No Administrative / Collection Charges 2% deduction from the monthly Invoice of the Contractor against SWM Services
	>5% to ≤10%	No Administrative / Collection Charges 5% deduction from the monthly Invoice of the Contractor against SWM Services
	Less than 5%	No Administrative / Collection Charges & 8% deduction from monthly Invoice of the Contractor against SWM Services or Termination proceedings under the contract
40% (2nd Year)	>25% to <40%	No Administrative / Collection Charges to the Contractor, No penalty
	>15% to ≤25%	No Administrative / Collection Charges 1% deduction from the monthly Invoice of the Contractor against SWM Services
	>10% to ≤15%	No Administrative / Collection Charges 2% deduction from the monthly Invoice of the Contractor against SWM Services
	>5% to ≤10%	No Administrative Charges 5% deduction from the monthly Invoice of the Contractor against SWM Services
	Less than 5%	No Administrative / Collection Charges & 8% deduction from monthly Invoice of the Contractor against SWM Services or Termination proceedings under the contract
60% (3rd Year)	>30 % to <60%	No Administrative Charges to the Contractor, No penalty
	>20% to ≤30%	No Administrative Charges 1% deduction from the monthly Invoice of the Contractor against SWM Services
	>10% to ≤20%	No Administrative Charges 2% deduction from the monthly Invoice of the Contractor against SWM Services
	>5% to ≤10%	No Administrative Charges 5% deduction from the monthly Invoice of the Contractor against SWM Services
	Less than 5%	No Administrative / Collection Charges & 8% deduction from monthly Invoice of the Contractor against SWM Services or Termination proceedings under the contract
65% (4th Year)	>35% to <65%	No Administrative Charges 1% deduction from the monthly Invoice of the Contractor against SWM Services

	>25% to ≤35%	No Administrative Charges 2% deduction from the monthly Invoice of the Contractor against SWM Services
	>15% to ≤25%	No Administrative Charges 5% deduction from the monthly Invoice of the Contractor against SWM Services
	>5% to ≤15%	Termination proceedings under the contract
	Less than 5%	No Administrative / Collection Charges & 8% deduction from monthly Invoice of the Contractor against SWM Services or Termination proceedings under the contract

The penalty on less fee collection will start after 6 months period from the date of execution of the contract/ commencement of services & in case the contractor fails to meet the fee collection targets specified above, then the contractor will be evaluated as per below mentioned checklist and penalty will be imposed accordingly: -

CHECKLIST FOR FEE COLLECTION

Sr. #	Activity	Compliance (Yes/No)
1.	**BILL DISTRIBUTED TO THE ENTITIES** Evidence of Bill Delivery, TCS or any other source of delivery used by the Contractor will be provided to FWMC/SPAF in the following forms: i) Receiving on the bills delivered ii) Pictorial Evidence of the bills delivered iii) Summary of sanitation fee collected and targets achieved iv) Documentary evidence like deposit slips, reconciliation statement etc.	
2.	**FOLLOW-UP WITH THE ENTITIES FOR FEE COLLECTION IN CASE OF NON -PAYMENT** Contractors need to attach follow-up evidence like reminders in shape of following: i) Pictorial Evidence of Reminder Notice / Visit ii) Pictorial Evidence of Engagement with the bill receiver for ensuring recovery iii) Any other evidence	
3.	**INTIMATION TO ENFORCEMENT AND DISTRICT ADMINISTRATION/ FWMC/SPAF** i) List / Record of Delivery of unpaid entities with the evidence of recovery efforts ii) Reminder sent to the enforcement and district administration/ FWMC/SPAF	

Note: If the contractor fulfills the above mentioned (Sr. 1, 2 & 3) efforts in complete, then no penalty / deduction of less recovery will be charged. Further, above-mentioned steps are not exhaustive, additional steps may be added at the discretion of the SPAF / SPA.

9. PUBLIC AWARENESS CAMPAIGN

Contractor will ensure proper branding of all containers, hand carts, waste drums and operational fleet as per the design / specimen approved by the client.

10. SALARY PAYMENT MECHANISM

- The Contractor shall, before commencement of the Contract, submit to the Client an additional unconditional and irrevocable Bank Guarantee (in respect of Security for Salary) in favor of the Client, in an amount equivalent to the **two (2) months'** HR salary component payable to the sanitary workers deployed under the Contract. The Bank Guarantee shall remain valid throughout the Contract Period and until all salary-related obligations of the Contractor have been fully discharged. The Bank Guarantee shall be submitted in the prescribed format provided in BIDDING FORM F4 – FORM OF SECURITY FOR SALARY.
- The Contractor shall pay the salaries to all eligible workers (Sanitation Staff) on or before the 5th day of each month and shall provide the Client with documentary evidence of such payment, including payroll records, bank transfer statements, signed acknowledgements or any other evidence reasonably required by the Client.
- If the Contractor fails to pay the salaries of the workers (Sanitation Staff) by the 5th day of any month, the Client may, without prejudice to any other right or remedy available under the Contract, encash the Contractor's Bank Guarantee/Security for Salary, in whole or in part, and use the encashed amount to make direct salary payments to the eligible sanitary workers.
- Before making any direct payment, the Client may verify the attendance, eligibility and salary entitlement of the concerned workers (Sanitation Staff). The Client may make payment directly into the workers' bank accounts or through any other lawful payment method determined by the Client.
- Any amount paid directly by the Client to the workers (Sanitation Staff) shall be recoverable from the Contractor and may be deducted from any amount payable to the Contractor, including monthly invoices, retention money, other securities or any other sums due under the Contract.
- Encashment of the security shall not relieve the Contractor of its obligation to replenish or restore the Security for Salary (Bank Guarantee) to its original required amount within the period specified by the Client.
- The Contractor shall remain fully responsible for the deployment, attendance, supervision, salary payments and all statutory obligations relating to the sanitary workers. Any direct payment made by the Client shall not constitute a waiver of the Contractor's contractual or statutory obligations.
- The Contractor shall submit, by the 3rd day of every month, a verified list of sanitary workers deployed under the Contract, together with attendance records, salary details, bank-account particulars and other relevant information required by the Client to

determine the amount payable to each eligible worker.

- The Contractor shall not include in its monthly invoice any salary amount paid directly by the Client to the workers (Sanitation Staff). Any such amount shall be treated as a debt due from the Contractor and shall be adjusted or recovered in accordance with the Contract.
- If the Security for Salary is insufficient to cover the salary amounts payable to the sanitary workers, the Contractor shall remain liable for the shortfall, and the Client may recover the same from any other amount payable to the Contractor or through any other remedy available under the Contract.
- The Client's exercise of its right to encash the Security for Salary and make direct salary payments shall not limit its right to impose penalties, terminate the Contract, recover losses or pursue any other remedy available under the Contract.
- The Contractor shall, at all times during the Contract Period, maintain the required Security for Salary (Bank Guarantee) in full force and effect and in the prescribed amount. Any failure to provide, maintain, replenish, renew or restore the Security for Salary (Bank Guarantee) within the period prescribed by the Client shall constitute a material breach and an event of default under the Contract. In such event, the Client shall be entitled to terminate the Contract for such default, without prejudice to any other rights and remedies available to the Client under the Contract, including recovery of any outstanding salary payments, losses, damages and other amounts due from the Contractor.

MILESTONES, TIMELINES, KPIs AND PENALTIES

DIGITAL PERFORMANCE MONITORING MECHANISM

Resource based contract pricing (based on HR, Fleet and Allied Equipment).

Payment Mechanism

- HR will be monitored through Facial/Biometric/Android Recognition based Attendance System.
- Waste Collection & Disposal through digital monitoring system at Landfill Site.
- Machinery will be monitored through Artificial Intelligence based Fleet Management Software.
- Container Clearance will be monitored through Digital Monitoring of Fleet and Geo-Tagging of Containers.
- Manual Sweeping and Commercial Areas clearance will be monitored through Digital Monitoring System (pictorial evidence).
- Complaint Management Response Time.
- Execution of Weekly and Monthly plans.

Penalties will be applied through evidence based digital monitoring system in violation of the KPIs. However, for the initial three (03) months no penalty shall be applied and payment shall be made on actual basis as per daily work done by contractor.

Contractor's Performance will be monitored digitally through:

i. Digital Monitoring System for staff attendance, service delivery compliance and KPIs monitoring (Facial/Biometric Recognition, Geo-tagged before after pics, field monitoring through evidence based real time information)
i. Smart AI based Fleet Management System in all vehicles to check the compliance of each category of vehicle w.r.t operational plan.
ii. RFID based Vehicle Weighing System at Landfill Site for actual waste collection value transported to disposal site.
iii. Complaint Redresser System (CRS) through Help Line and Dastak App.

Contractor shall submit operational plans before execution of the operations for client review and approval. Plans will be based on optimal utilization of resources for each activity with defined resources and timeline and to ensure the compliance of work as per SOPs/KPIs defined by the client.

Payment Mechanism

(The invoice calculation will be based on daily working w.r.t parameters evaluated on daily basis)

Sr. No	Activity	% Value	Key Factors/Variables	KPIs	Formula	Maximum Numbers as per RFP
1	Waste Collection (Tonnage Based value)	62	1. Waste Disposal through Digital Weighing System.	- Above 95% = Payment will be made on actual lifted tonnage. • 90-94.99% = 30-35 marks • 85-89.99% = 25-30 marks (One mark Per Percentage, Same Amount Auto Penalty) • 80-84.99% = 20-25 marks (One mark Per Percentage, Same Amount Auto Penalty) • 75-79.99 % = 15-20 marks (One mark Per Percentage, Same Amount Auto Penalty) • 70-74.99 % = 10-15 marks (One mark Per Percentage, Same Amount Auto Penalty) • Below 70% = 0 marks	-	40
			2.Container Collection/ Clearance as per KPIs.	- Deduction of waste collection activity of that day in case non-compliance by complaints/observation/VTMS number increased above 10% of total containers approved as per plan. - 81-89%, 1 number of invoice value will be deducted. - 71-80%, 1.5 number of invoice value will be deducted. - 60-70%, 2 number of invoice value will be deducted. - Below 60%, 3 number will be deducted	-	3
			3. Deployment of Fleet as per Plan and KPIs.	90% to 100%: Marks are awarded as per the actual percentage (on a daily category wise), ranging from 2.1 to 3 marks. 80% to <90%: Awarded 02 marks. 70% to <80%: Awarded 01 mark. Below 70%: Awarded 0 marks.	-	3
			4. Door to Door Waste Collection as per SOPs and KPIs. Door to Door Collection will be measured on the basis of HR deployed, Machinery deployed, area covered by the machinery and verification by the client officer and public feedback. Contractor will submit digital pictorial evidence of the activity on daily basis as per plan.	- 90% Compliance of approved resources is mandatory. - 85-89%, 1 number of invoice value will be deducted. - 81-84%, 2 number of invoice value will be deducted. - 75-80%, 4 number of invoice value will be deduct. - 71-74, 6 number of invoice value will be deduct. - 65-70%, 8 number of invoice value will be deduct. - 61-64%, 12 number of invoice value will be deduct.	1. **3 marks for Machinery** as per Actual 2. Complaints & Observations if Complaints & Observation (On landing) more than or equal to 100 then all Points will be deducted 3. **3 marks for HR** (90 to 100% as per actual) 80% to 90% - 2 marks 70 to 80% - 1 mark below 70% zero 4. **TMO will give scoring in percentage.** **90% to 100%= 6** Below 90% = As per Actual to percentage given by TMO if not Verified then Zero Marks	12
			5. Collection from Commercial Areas as per KPIs. Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	□ 90%, Compliance of approved resources is mandatory □ 81-89%, 1 number of invoice value will be deduct. □ 71-80%, 2 number of invoice value will be deduct. □ Below 70%, 3 number of invoice value will be deduct.	-	3
			7. Deployment of Containers as per Plan and KPIs. Container repair and aesthetics has to be ensured by contractor. Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	- 90% Compliance of approved resources is mandatory. - In case, deficiency number increased to 10% or above, 1 number deduction of waste collection activity of that day.	-	1
2	Manual Sweeping (Number of Workers as per plan vs Actual Present)	15	1. Minimum Attendance for sanitation staff (90%) and Managerial staff (90%). 10% leave allowance is part of the cost estimates.	- 90% Compliance of approved resources is mandatory - 81-89%, 1 number of invoice value will be deduct. - 71-80%, 2 number of invoice value will be deduct. - 61-70%, 3 number of invoice value will be deduct. - 51-60%, 4 number of invoice value will be deduct. - Below 50%, 5 number will be deducted	-	5

			2. Street Sweeping (Residential) Clearance as per KPIs Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	Deduction of manual sweeping activity of that day in case number increased to 100 complaints /observations per day.	0% To 100% = As per Actual to percentage given by TMO if not Verified then Zero Marks	5
			3. Street Sweeping (Commercial) Clearance as per KPIs Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	Deduction of manual sweeping activity of that day in case number increased to 50 complaints/observations/day.	0% To 100% = As per Actual to percentage given by TMO if not Verified then Zero Marks	1
			4. Workers Presence at Beats in duty hours Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	Deduction of manual sweeping activity of that day in case number increased to 100 complaints/observations per day regarding absent of worker.	-	2
			5. Workers allied equipment (uniforms, PPEs, Handcarts, Brooms, Bags etc.) availability as per plan and KPIs Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	Work deduction of the manual sweeping activity in case of deficiency number exceed from 10% of total of non -provision in any of the category mentioned individually/collectively	-	2
3	Mechanical Sweeping (Km Covered as per plan)	2	1. Deployment of Resources as per plan and KPIs and Work done/completion as per Plan and KPIs. Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	In case, deficiency in deployment of resource number s increased above 10% or in case of activity impact is less than 90% (not as per the SOPs.), 2 number deduction of Mech. sweeping activity of that day.	-	2
4	Mechanical Washing (Km Covered as per plan)	1	1. Deployment of Resources as per plan and KPIs and Work done/completion as per Plan and KPIs. Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	In case, deficiency in deployment of resource number s increased above 10% or in case of activity impact is less than 90% (not as per the SOPs.), 1 number deduction of Mech. washing activity of that day	-	1
5	TCP/Waste Enclosures Management	5	1. Establishment of TCPs as per Timelines, plan and KPIs	Establishment of TCP should be done within the timeline defined by the client. Till non -compliance, payment will not be released in this chapter	-	
			2. Infrastructure of TCPs as per plan and KPIs. Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	Deduction in case of non-completion observed even on one non -compliance.	-	2
			3. Zero Waste / Transportation of Waste to Dump Site as per plan and KPIs. Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	Work deduction in case of non-compliance observed against the plan approved by the client	-	3
6	Bulk Waste Collection (C&D/AW) (Tonnage Based value)	5	1. Waste Disposal through Digital Weighing System.	Real time VTCS Report through waste transported to designated dump site	-	
			2. Deployment of dedicated fleet as per Plan, SOPs and KPIs	Deduction of waste collection activity of that day in case deficiency number increased to 10% of total number to be deployed/day.	-	2
			3. Collection of Bulk Waste as per Plan, SOPs and KPIs. Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	□ Deduction of waste collection in case of un-approved vehicle/trip by client. The collected tonnage will also be subtracted from the total waste collection of that day.	-	3

7	Dumpsite Management	5	1. Availability of Machinery and HR as per plans, SOPs and KPIs.	Deduction of waste disposal activity of that day in case deficiency number increased to 10% of total number to be deployed/day.		2
			2. Environment friendly disposal of waste as per plan, SOPs and KPIs. Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	Deduction of waste disposal activity of that day in case non - compliance observed.	TMO will give scoring in percentage. Auto if TMO not give score 100%= 3 90% to 99% = Z Marks 80 to 89.9% = 1 Below 80% = 0 Marks	3
8	De-Silting	5	1. Deployment of Resources as per plan and KPIs	In case, deficiency number increased above 10%, deduction of De-silting activity of that day	-	2
			2. Work done/completion as per Plan and KPIs. Contractor will submit digital pictorial evidence of the activity on daily basis as per plan	Work deduction in case of activity impact is not as per the SOPs.	-	3
Total		**100**	**-**		**-**	**100**

Note: In case of special circumstances, calamity or any event beyond the control of service provider resulting in stoppage of work, a committee notified separately will assess the situation and will submit its recommendation to the competent authority for payment on actual work done basis.

OPERATIONAL PLANS

Contractor will submit the operational plans against each activity and SPA will approve after reviewing the plans before execution of services under the contract. Any change / modification in plan after execution of contract shall be approved by the Client (With prior consent / approval of Board of Directors)

Frequency	Plans	Bidder to Specify (Compliance)*
Weekly	Plan of Washing of Containers	
	Plan of Repairing of Containers	
	Deployment plan for Emergency Response Gang/Complaints/VVIP Movement	
Monthly	Contractor will submit GIS based UC level operational model/plan with resources covering Door to Door & Container base collection, manual sweeping and waste transportation based on GIS Mapping.	
	De-silting Plan with deployment of resources both HR and Mechanical ensuring removal of De-Silted material.	
	Sunday/Friday Market Cleaning Plan	
	Mosque/Church/Imam Bargahs/Grave Yards cleaning/Washing Plan	
	City Furniture Washing Plan	
	Plot Clearance Plan	
	Mechanical Sweeping and Mechanical Washing Plan	
Biannually	Distribution Plan of Uniforms and PPEs	
	Health and Safety Training Programs of Staff	
	Plans of Counselling of field workers	
Yearly	Execution Plan	
	Procurement Plan	
	Waste Recycling and Recovery Plan	
	HSE Plan	
	Ramzan Bazar Cleaning Plan	
	Eid-ul Fitar & Eid ul Azha Plan	
	Eid Milad Nabi Plan	
	9th & 10th Muharram	
	Monsoon Plan	
	Kashmir Day(5th February), Defence Day (6th September), 25th December, 31st December / 1st January (New Year) etc.	

MONITORING MECHANISM

Sr. No.	Minimum Service Level	Monitoring Frequency	Measuring/Monitoring Procedures	Minimum Acceptable Level & Penalty
Waste Collection				
1	Submission of operational plans of each activity i.e. DTD, CBC, Mech. Sweeping, Washing, TCP Clearance etc.	At the time of execution of operations	The Client shall review these operational plans once received by the Client. Client Approval is mandatory for execution of the plan.	1. The service provider will submit the plans 15 days before the execution. 1lac/day penalty will be charged for delay. 2. In case of failure, termination of the contract will be issued.
2	Deployment of vehicles for each activity as per Plan approved by the client. (number and type of vehicles as per the activity schedule time)	Daily	VTMS and/or RFID System at Workshops (As per execution plan).	1. 5,000/vehicle/day in case of failure to deploy vehicles other than loader rickshaws. 2. 1,000/vehicle/day in case of failure to deploy loader rickshaws. 3. 1,000/vehicle/hour for delay in deployment vehicles other than loader rickshaws. 4. 500/vehicle/hour in case of delay to deploy loader rickshaws.
3	Contractor will ensure the best working condition of all its vehicles by all means	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 2,000/vehicle/day in case of breakdown for vehicles other than loader rickshaws in field. 2 hours resolution time after intimation will be observed for compliance. 2. 500/vehicle/day in case of breakdown for loader rickshaws in field. 2 hours resolution time after intimation will be observed for compliance. 3. 1,000/vehicle/day for delay in improvement of aesthetics of vehicle other than loader

				rickshaws. 4. 500/vehicle/day for delay in improvement of aesthetics of loader rickshaws. 5. 5,000/vehicle/incident for un -covered transportation of waste other than Loader Rikshaw. 6. 1,000/vehicle/incident for un -covered transportation of waste for Loader Rikshaw.
4	Contractor will place at least (34) 0.8cm containers and (41) 5cm Containers in Faisalabad (Rural II Area operational plan): with good aesthetic and working condition by all means.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 2,000/container/day in case of failure/shortage. 2. 1,000/container/day for delay in repair. 3. 500/container/day for delay in improvement of aesthetics of container.
5	Door to Door collection from Residential Areas	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 2000/incident for non - compliance observed by supervisory officer, UC/Ward Committees or public Complaints. 2. In case of citizen complaint, 3 hours resolution time after intimation will be observed for

7	Ensure collection of all other wastes (i.e. Green Waste, animal waste, bulk waste etc.) Dedicated vehicles to be deployed.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 5,000/vehicle/day in case of failure to deploy. 2. 1,000/vehicle/hour for delay in deployment after intimation to the contractor.
8	Ensure no waste scattered around bins	Daily	Field based monitoring by the Client/third party notified by the client by Digital Monitoring Mechanism.	1. 1,000/container/incident. 2 hours resolution time after intimation will be observed for compliance.
9	Special Occasions waste collection (Eid and other public holidays)- Deployment of Resources as per plan issued by the Client	On Special Occasions	Client shall through Digital Monitoring Mechanism as well field monitoring through its employees /third party notified by the client on daily basis.	1. 50,000/vehicle/day in case of failure to deploy. 2. 10,000/vehicle/hour for delay in deployment. 3. Deduction of 50% of invoice of that month in case contractor failed to execute at least 80% compliance of plan.
10	Completion of manual sweeping on main roads/commercial markets should be completed before 9:00am	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. Digital Monitoring Mechanism.	1. 2,000/incident after 2 hours intimation to contractor. 2. In case of citizen complaint, 3 hours resolution time after intimation will be observed for compliance.
11	Completion of manual sweeping in residential areas should be completed before 10:00 AM.		IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. Digital Monitoring Mechanism.	1. 2,000/incident. After 2 hours intimation to contractor. 2. In case of citizen complaint, 3 hours resolution time after intimation will be observed for compliance.

12	Sweeping and collection of waste from Sunday/ Friday Markets within 01 hour after its closure and before 06:00 AM on Monday/ Saturday.	Weekly	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 25,000/incident/market.
13	Ensure agreed number of manual sweepers available in each UCs as per plan approved by the client.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. Digital Monitoring Mechanism.	1. 2,000/worker/day in case of absence after 2 hours of intimation to contractor
14	Presence of staff in Sunday/ Friday markets as per plan.	Weekly	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. Digital Monitoring Mechanism.	1. 5,000/worker/incident in case of absence after 2 hours of intimation to contractor.
15	Dedicated vehicles (vehicle dually approved by the Company for each trip) for Collection of C&D /GW/Animal Waste as per plan	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 5,000/vehicle/incident in case of non-deployment of resources. 2. 100% deduction of waste collection in case of un-approved vehicle/trip by client.
16	Contractor will ensure fitness certificates of each vehicle from concerned Govt. Department/Agen cy on annual basis. Certificates must be submitted in 1st quarter of	Daily	Provision of Certificates by the Contractor	1. 10,000/vehicle/day in case of non-compliance.

	each calendar year			

MECHANICAL SWEEPING & WASHING				
1	100% of the tanks of the mechanical sweepers/Washers should be full of water before vehicles departs from the workshop.	Daily	Field based monitoring by the Client/third party notified by the client by Digital Monitoring Mechanism	1. 10,000 / incident
2	Completion of the task by each vehicle as per schedule approved by the Client.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 2,000 / incident/ over speed working
3	There should be zero dust layer on the road after Mech. Sweeping/Washing	Daily	Field based monitoring by the Client/third party notified by the client by Digital Monitoring Mechanism	1. 2,000/ Incident
4	Brushes should in acceptable condition to ensure quality sweeping.	Daily	Field based monitoring by the Client/third party notified by the client by Digital Monitoring Mechanism	1. 10,000 / incident
5	Emptying of mechanical sweeper at notified disposal points.	Daily	Field based monitoring by the Client/third party notified by the client by Digital Monitoring Mechanism	1. 10,000 / incident
6	Mechanical sweeping should be completed before 05:00 AM in case of night operation.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 10,000 / incident
7	The working speed of mechanical sweeper not more than 15 kilometers per hour.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 10,000 / incident
8	Helpers should be present with vehicle as per plan	Daily	Field based monitoring by the Client/third party notified by the client by Digital Monitoring Mechanism	1. 10,000 / incident

9	In case of complaint deployment of required number of vehicles within 02 hour.	Daily	Field based monitoring by the Client/third party notified by the client by Digital Monitoring Mechanism	20,000 / incident

WASTE TRANSFER AND TRANSPORTATION				
1	The transfer station will be operational 24/7 except maintenance days or as per the time plan approved by the client.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 100,000 / incident/ day (TCP) 2. 10,000/ incident/ day (Waste Enclosure)
2	Keep the Transfer Station at zero on daily basis, as per the timeline defined by the client.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. Digital Monitoring Mechanism.	1. 5% deduction of total invoice of that day in case of non-completion observed.
3	Transfer Stations must be covered (10ft high walls) surrounding covered by plantation. as per the layout design by the client.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. Digital Monitoring Mechanism.	1. 5% deduction of total invoice of that day in case of non-completion observed.
4	Platform of Transfer Station must be solid, to avoid any digging of soil/ensuring ground contamination. as per the layout design by the client.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. Digital Monitoring Mechanism.	1. 5% deduction of total invoice of that day in case of non-completion observed.

HUMAN RESOURCE				
1	Attendance of the Workers should not be less than 90% of the workforce (As per the activity plan)	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. Digital Monitoring Mechanism.	1. 5,000 / worker/day
2	Attendance of Supervisory and management staff should not be less the 90% in any case	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 5,000 / staff/day
3	100% workers of all categories shall wear uniform.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 2,000 / worker/day
4	Attendance of workers should be completed before 6:00 A.M (at designated time & location approved by the client) at the designated locations.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 25,000 / incident/day
5	Sweeping staff should be working in their respective beats.	Daily	IT based as well as filed monitoring by the Client supervisory persons/third party notified by the client. VTMS/Digital Monitoring Mechanism.	1. 5,000 / worker/day

Section-IV: Bid Data Sheet

4.1. Bid Data Sheet (BDS)

<table>
<tr><th colspan="3">A. Introduction</th></tr>
<tr><th>BDS Clause Number</th><th>ITB Number</th><th>Amendments of, and Supplements to, Clauses in the Instruction to Bidders</th></tr>
<tr><td>1.</td><td>2.1.1</td><td>Name of the Procuring Agency: Lahore Waste Management Company (LWMC).

The bidding process for the following procurement is being conducted by the LWMC on behalf of Suthra Punjab Authority;

The subject of procurement is: <u>OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL-II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS)</u> precisely described in Section-III.

3. The effective date for commencement of Services will be 30 days after Award of Contract.</td></tr>
<tr><td>2.</td><td>2.1.2</td><td>Financial year for the operations of the Procuring Agency: [2026-27]

Name of financing institution: <u>Government of the Punjab.</u></td></tr>
<tr><td>3.</td><td>2.1.3</td><td>Mandatory Criteria / Knock Down Clauses for Tehsil Faisalabad (Rural -II Areas);
<table>
<tr><th>Sr.</th><th>Mandatory Criteria</th></tr>
<tr><td>a</td><td>Legal status of the Bidder with registration certificate;
In case of Company, SECP Certificate of Incorporation is required;
In case of AOP / Firm, Form C/D along with Partnership Deed is required;
In case of Business Individual, NTN with business name is required.</td></tr>
<tr><td>b</td><td>Registration with Income Tax Authorities (In case of international bidder, bidder must be registered with relevant tax authorities i.e. FBR before award of contract).</td></tr>
<tr><td>c</td><td>Registration with Sales Tax Authorities-PRA/SRB/KPRA/BRB. (In case of international bidder or bidder not registered with PRA, bidder must be registered with PRA before award of contract)</td></tr>
<tr><td>d</td><td>Active Tax payer Status w.r.t Sr. b & c.</td></tr>
<tr><td>f</td><td>Undertaking / Affidavit (on Stamp paper in a denomination of Rs. 300):
Non-blacklisting as per template attached</td></tr>
</table></td></tr>
</table>

			• POWER OF ATTORNEY as per template attached (For JV only) • UNDERTAKING FOR CORRECTNESS OF INFORMATION as per template attached • Joint Venture will submit the copy of Joint venture agreement (where applicable)
		g	Audited Financial Reports duly audited by CA Firms for the last 03 Years (In case of newly registered company, audited statements since inception of the company are acceptable)
		h	Bank Statements / Account Maintenance Certificate showing bank balance / unutilized credit limit as on bid closing date.
		i	Compliance of TOR's including Scope of Services, Technical Specifications, Operational Plan, KPIs, Monitoring and Payment Mechanism as defined in Section-III (Bidder will provide an undertaking on letterhead to this effect).
		j	Bidder(s) having any dispute with FWMC / SPAF / SPA / LWMC or have refused to offer their services during the past three (3) years are not eligible to apply. Subsequently any service provider whose services have been discontinued due to poor performance during the last three (3) years will also not be eligible to participate in this bidding process. Bidder will provide an undertaking regarding no dispute on letterhead to this effect".
			Note: • All bidders shall comply the above-mentioned Mandatory Criteria. Failure to meet these criterions, will lead to non-responsiveness of the bidder without further evaluation of technical evaluation criteria. • JV is allowed to participate however JV must be registered before award of contract. Payment will be made in JV account only. • For Joint Ventures (J.V) all partners must meet the mandatory / eligibility requirements individually and before contract signing JV must be registered with the relevant authority. • Documented proofs for the Mandatory Criteria must be submitted along with the technical bid/proposal online through e-P website. • Bidders / Service Providers who meet the mandatory criteria will be evaluated further as per Technical Evaluation Criteria. Financial bids / proposals of only technically responsive bidder's w.r.t mandatory and technical evaluation criteria will be opened.
B. Bidding Documents			
4.	**2.2.2**		The address for clarification of Bidding Document mentioned below. *The contact information for requesting clarifications is as under;*

		General Manager (P & C) ***Office No. 4&5, 4th Floor, Shaheen Complex, Edgerton Road, Lahore.*** *Tel: 092-42- 99205153-55, Fax: +92-42-99205156* *Email: procurement@lwmc.com.pk*]
5.	**2.2.2**	Pre-bid meeting will be held at the address given below on following date and time; **September 17, 2026** at **1100 hours**. ***General Manager (P & C)*** ***Office No. 4&5, 4th Floor, Shaheen Complex, Edgerton Road, Lahore.*** *Tel: 092-42- 99205153-55, Fax: +92-42-99205156*
C.		**Bid Price, Currency, Language and Country of Origin**
6.	**2.3.3 (iv)**	Prices shall be fixed for contract period inclusive of all Applicable Taxes. However, price adjustment will be made at the time of invoice processing as specified in clause 9 of SCC.
D.		**Preparation and Submission of Bids**
7.	**2.4.2**	The deadline for online Bid submission through E-P system is; Date & Time: **September 30, 2026** till **1400 Hours (PST)** ***General Manager (P & C)*** *Office No. 4&5, 4th Floor, Shaheen Complex, Edgerton Road, Lahore.* *Tel: 092-42- 99205153-55, Fax: +92-42-99205156* *Email: procurement@lwmc.com.pk*]
8.	**2.5.1**	Time, date/ Month/ Year, and place for online Bid opening through E-P system is; Date & Time of Technical Bid Opening: **September 30, 2026** at **1430 Hours (PST)**.
9.	**2.6.2**	Amount of Performance Guarantee: As per rule 56 of PPR-14, a performance guarantee at the rate of **2%** of Contract Price for four years as offered by the contractor along with additional Bank Guarantee (Security for Salary) as required under Section-III. The Contractor shall provide Performance Guarantee 3 months beyond project duration i.e. (51 Months) to the Client. The said guarantee shall be furnished or caused to be furnished by the Contractor within Fifteen (15) days after the receipt of the Letter of Acceptance. The Performance Guarantee shall be denominated in a currency of the Contract, or in a freely convertible currency acceptable to the Procuring Agency, and shall be in following form; An unconditional Bank Guarantee;

<table>
<tr><td></td><td></td><td>Issued by any scheduled bank acceptable to the procuring Agency located in Pakistan; and in the form provided in the Bidding Document or another form acceptable to the Procuring Agency.</td></tr>
<tr><td>10.</td><td>2.3.6</td><td>Bid Security, in favor of Lahore Waste Management Company shall be 1% of the estimated price in the form of CDR / Bank Guarantee / DD / PO / BC. Bid Security should be submitted along with Technical Proposal:
<table>
<tr><th>Sr.</th><th>Tehsil</th><th>Estimated Price for 4 Years (Rs.)</th><th>Bid Security @ 1% in shape of CDR / BG / DD / PO / BC (Rs.)</th></tr>
<tr><td>1</td><td>Faisalabad (Rural-II Areas)</td><td>7377.61 million</td><td>73.776 million</td></tr>
</table>
Note: Any member of the JV / Consortium is allowed to submit the bid security on behalf of the JV / Consortium.</td></tr>
<tr><td>11.</td><td>2.3.7</td><td>Bid validity period after opening of the Bid is: 180 Days</td></tr>
<tr><td colspan="3">F. Bid Evaluation Criteria</td></tr>
<tr><td>12</td><td>2.5.8</td><td>Below is the Technical Evaluation Criteria for Tehsil Faisalabad (Rural-II Areas);
<table>
<tr><th>Sr.</th><th>Criteria</th><th>Requirement</th><th>Total Marks</th></tr>
<tr><td colspan="2">1 Financial Capability</td><td></td><td></td></tr>
<tr><td>1.1</td><td>Current Ratio (Current Assets / Current Liabilities)</td><td>03 Years Average Current Ratio or as per provided statements;
• For less than 0.25 (0 Mark)
• From 0.25 to 0.5 (2 Marks)
• From 0.51 to 1 (3 Marks)
• From 1.01 to 2 (4 Marks)
• Above than 2 (5 Marks)</td><td>5</td></tr>
<tr><td>1.2</td><td>Net Worth</td><td>03 Years Average Net Worth or as per provided audit statements as follows:
• Rs.50 million to Rs.150 million (3 Marks)
• From Rs.150.01 million to Rs.250 million (5 Marks)
• From Rs.250.01 million to Rs.350 million (8 Marks)
• From Rs.350.01 million to Rs.450 million (10 marks)
• Above Rs.450 million (12 marks)</td><td>12</td></tr>
<tr><td>1.3</td><td>Annual Turnover</td><td>Average annual turnover of last three (03) Years or as per provided audit statements as follows:
• Rs.100 million up to Rs.200 million (2 Marks)
• From Rs.200.01 million up to Rs.300 million (4 Marks)
• From Rs.300.01 million up to Rs.400 million (6 Marks)</td><td>10</td></tr>
</table></td></tr>
</table>

				• From Rs.400.01 million to Rs.500 million (8 Marks) • Above Rs.500 million (10 marks)	
		1.4	Financial Resources	Average annual inflows for last three (03) Years or as per provided audit statements as follows: Or Available bank balance and unutilized credit limit as on the bid closing date; • From Rs.100 million up to Rs.200 million (3 Marks) • From Rs.200.01 million up to Rs.300 million (6 Marks) • From Rs.300.01 million up to Rs.400 million (9 Marks) • From Rs.400.01 million to Rs.500 million (11 Marks) • Above 500 million (13 Marks)	**13**
		2.	**Experience**		
		2.1	Similar Nature Projects Experience	Experience of relevant projects / contracts in last 05 Years, accumulative cost of which is as follows: at least Two (02) projects during the last 05 (five) years': (Only completed projects to the extent of at least one year completion period will be considered) • Accumulated cost of Rs.200 million (04 marks) • Accumulated cost from Rs.200.01 million to 400 million (08 marks) • Accumulated cost from Rs.400.01 million to 800 million (12 marks) • Accumulated cost from Rs.800.01 million to 1200 million (16 marks) • Accumulated cost from Rs.1200.01 million to 1500 million (20 marks) • Accumulated cost from Rs.1500.01 million to 1800 million (24 marks) • Accumulated cost from Rs.1800.01 million to 2000 million (28 marks) • Accumulated cost greater than 2000 million (30 marks) For the purposes of this requirement the definition of "relevant" means; (i) Collection of solid waste services (ii) Transport of solid waste services or goods transport (iii) Safe disposal / treatment of solid waste services (iv) Construction projects (v) Waste Processing projects (vi) Waste to energy projects (vii) HR Management Contracts (at-least 200 personnel)	**30**

				(viii) Any type Contract successfully executed (Min.250 million cost) (ix) Fabrication of operational fleet / vehicles (x) Fabrication of SWM operational equipment	
		2.2	Key equipment / resources	**Availability of Machinery (Owned/Rental)** Following Relevant Machinery must be ensured by the bidder in terms of rental deed or ownership; **Note:** A rental deed alone is not sufficient to meet the requirement under Clause 2.2 (Key Equipment / Resources). For compliance, the bidder should provide; 1. A complete list of required machinery (as per the prescribed format/specifications in the bidding document); and 2. Supporting documentary evidence, such as a valid rental/lease deed clearly showing the machinery/vehicles details and copy of registration/any other evidence for machinery/vehicles to be deployed by the service provider. **Type of Vehicles** / **Numbers** Loader Rickshaw: 169 Tractor Trolly: 29 Dumper 5m3: 06 Tractor Loader: 18 Dumper 20m3/13.5m3: 08 Front End Loader: 04 Tractor Sweeper: 01 Drain Cleaner (Tractor with Hoe): 04 Mechanical Washer: 01 Water Bowser: 0 Container Repair Vehicle (CRV): 01 Tractor Blade: 02 Compactor (7m3): 01 Chain Arm Roll: 09 **Total: 253** Marking criteria is as follows; i) Availability of 100% of above tabulated total machinery: 15 Marks ii) Availability of <100% but ≥90% of above tabulated total machinery: 10 Marks iii) Availability of <90% but ≥80% of above tabulated total machinery: 5 Marks iv) No marks if the availability of above tabulated machinery is <80%	**15**
		3.	**Personnel (HR) Capabilities**		
		3.1		The applicant must have at least two qualified graduates on its payroll with relevant experience of three (3) years, (2.5 Marks each) as defined below;	**05**

			For the purposes of this requirement the definition of "qualified graduate" (16 Years) means; i) Environmental Science ii) Engineering iii) Urban Planning iv) Project Management v) Any other relevant field	
		3.2	10 HTV/LTV Drivers having valid Licence, minimum 01-Year-old (0.5 mark for each driver)	**05**
		4.	**Managerial Capabilities**	
		4.1	The applicant shall provide the following detail; i) Company Profile which will include the following a. Company Organogram (01 Marks) b. Clientele up to 05 Govt. (02 Marks) & 05 others (02 Marks)	**05**
			Total	**100**

- The bidder must score overall **65%** marks to qualify.
- Evaluation criteria may be collectively met by all partners in a JV / Consortium.
- Following contract award, 30% of the machinery should be owned (within 01 Year) by the successful bidder, with the remaining 70% potentially being rented.

G. Award of Contract

13	**2.6.5**	Percentage for quantity increase or decrease is: 15% as per PPRA Rules 2014.
14	**2.6.2**	The Performance Guarantee shall be: **2%** of Four Years Contract Price along with additional Bank Guarantee (Security for Salary) as required under Section-III.
15	**2.6.2**	The Performance Guarantee shall be in the form of: Unconditional Bank Guarantee from any scheduled bank of Pakistan acceptable to the procuring agency having validity 3 months beyond the contract / project duration (i.e. 51 Months).

NOTIFICATION OF AWARD / LOA

[Date: ----------]

To:
[Name and address of the Successful Bidder]

Unless expressly specified otherwise, all capitalized terms used herein shall bear the meaning ascribed thereto in the Bidding Document.

This is to inform you that your bid consisting of the Technical Proposal and the Financial Proposal dated _____, 2026 for execution of the Contract for **Tehsil Faisalabad (Rural-II Areas)** (the "Contract") for the Total Bid Price For (04) Years amounting to Rs. ----------/- (inclusive of all applicable taxes) is hereby accepted by the Procuring Agency.

You are requested to furnish your performance guarantee as per bidding document and stamp papers as per stamp duty Act 1899 within Fifteen (15) days, thereafter contract may be signed within Three (03) days after the receipt of performance guarantee and stamp papers.

On the date of signing of the Contract you are required to provide the Required Documents (each to the satisfaction of the Procuring Agency). Failure to furnish the Performance Guarantee within the aforesaid time period may result in cancellation of the award and forfeiture of the Bid Security.

This Notification of Award shall constitute, subject to all terms and conditions of the Bidding Document including addendums agreed between yourself and the Procuring Agency, a binding contract between contractor and procuring Agency until the Contract is executed.

Thanks for your cooperation.

[Authorized Signature]

[Name and Title of Signatory]

[Name of Procuring Agency]

DRAFT CONTRACT

Contract No._____

FOR

OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES) FOR TEHSIL FAISALABAD RURAL-II AREAS (FOR THE PERIOD OF FOUR YEARS, EXTENDABLE TO ANOTHER TWO YEARS)

By and Between

Contractor Name:

AND

Lahore Waste Management Company (LWMC) / SPAF

CONTRACT FORM

THIS CONTRACT is made on this _____ day of _____ 20_____by & between - **Lahore Waste Management Company (LWMC)** on behalf of **Suthra Punjab Authority**, having its registered office at Office No. 4&5, 4th Floor, Shaheen Complex, Egerton Road, Lahore (hereinafter referred to as "the Procuring Agency / Client") which expression, unless it be repugnant to the context or meaning thereof and shall, where the context so permits include its successors in interest, legal heirs, legal representatives, executers and permitted assign) on the one part.

AND

Service Provider Name _____ having its registered office at _____ (Hereinafter referred to as the "CONTRACTOR / SERVICE PROVIDER" which expression, unless it be repugnant to the context or meaning thereof means and shall, where the context so permit, include its successors in interest, legal heirs, legal representatives, executers and permitted assign) on the other part.

WHEREAS, the Client intends to award the Contract for **OUTSOURCING OF SOLID WASTE MANAGEMENT SERVICES (ALONG WITH AVAILABLE RESOURCES), FOR TEHSIL FAISALABAD RURAL-II AREAS" (**Herein referred to as **"PROJECT"**)

AND WHEREAS, the Contractor is willing to provide such services subject to and in accordance with the terms and conditions of this Contract in the sum of [contract price in words and figures] (hereinafter called "the Contract Price");

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are assigned to them respectively in the Conditions of Contract.

2. The following documents shall be deemed to form and be read and construed as part of this Contract. (In case of discrepancy between the Documents, the following sequence will prevail);

(a) Complete Bidding Document (Signed & Stamped)
(b) The Bid Form and the Price Schedule submitted by the Bidder;
(c) The Schedule of Requirements/Work Plan/Deputation Plan;
(d) The Technical Specifications / TORs (Scope of Services);
(e) SOPs, KPIs, Plans and Maps
(f) The Special Conditions of Contract; and
(g) The General Conditions of Contract;
(h) The Procuring Agency's Notification of Award / LOA
(i) Addendum (if any)

3. In consideration of the payments to be made by the Procuring Agency to the Service Provider as hereinafter mentioned, the Service Provider hereby covenants with the Procuring Agency to provide the services in the project site in accordance with the provisions of the Contract and as required under **Section VII** Schedule of Requirements / Work Plan / Deputation Plan.

4. The Procuring Agency hereby covenants to pay the Service Provider in consideration of the provision of services in project site, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS WHEREOF, the Parties hereto have, hereunto set their respective hands through their authorized representatives, executed and entered into this Contract on this **day of ----------, 2026**.

For and on Behalf of Client

Suthra Punjab Agency Faisalabad

For and on Behalf of Contractor

_____

WITNESSES:

CLIENT **CONTRACTOR**

Section-V: Part I-General Conditions of Contract

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as defined below;

(a) "The Contract" means the Contract entered into by and between the Client / Procuring Agency and the service Provider / Contractor, as recorded in the Contract Form signed by the parties, including all attachments, appendices and annexures thereto and all documents incorporated by reference therein.

(b) "The Contract Price" means the price payable to the Contractor / Service Provider under the Contract for the full and satisfactory performance of its contractual obligations to provide services in the project site as per the provisions laid down in the Contract.

(c) "The Goods" means all the equipment, machinery, and/or other materials which the Service Provider / Contractor is required to supply to the Procuring Agency / Client under the Contract.

(d) "Municipal Solid Waste (MSW)" includes all but not limited to items from homes and businesses whatsoever that people no longer have any use for commonly called trash or garbage and include items such as food waste, paper, plastics, textiles, rags. Leather, wood, green garbage such as grass and leafs etc. glass, metals, sanitary waste in septic tanks, and other waste such as demolition and construction debris.

(e) "Primary Municipal Solid Waste Collection" consists of the door to door collection of waste from the point where it is placed by the person or organization that has produced it and/or wherever it is found in the Project Territory.

(f) "Secondary Municipal Solid Waste Collection" includes picking up MSW from community bins, waste storage depots, or transfer stations and transporting it to waste processing sites or to the final disposal sites.

(g) "The Services" means all services ancillary and related to the Services of Solid Waste Management for collection of Primary & Secondary Waste Collection, Sweeping & Washing of Manual and Mechanical and clearance of De-siting/cleaning of Nallas and Small Open Drains, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, maintenance & repair and other such obligations of the Service Provider covered under the Contract.

(h) "Specifications" mean the document as listed in the Contract

Data, including Client's requirements in respect of design to be carried out by the Contractor (if any), and any Variation to such documents.

(i) "Plan and Map" means the Contractors plans and maps of the Services as listed in the Contract Data and any Variation to such plans and maps.

(j) "Contract Period" means the time period for the Services (or as extended under Sub-Clause 9.1 (b) calculated from the Commencement Date.

(k) "GCC" means the General Conditions of Contract contained in this section.

(l) "SCC" means the Special Conditions of Contract.

(m) "The Procuring Agency" means the organization procuring the Services, as named in SCC.

(n) "The Procuring Agency's country" is the country named in SCC.

(o) "The Service Provider" means the Bidder / Contractor or firm / bidder / contractor supplying/ Joint Ventures/Consortium / rendering the Services under this Contract.

(p) "The Project Site," where applicable, means the place or places named in SCC.

(q) "Day" means calendar day.

(r) Other Definitions;

i) "Contractor's Equipment" means all machinery, vehicles, equipment, apparatus and plants and other things required for the execution of the Contract Services.
ii) "Country" means the Islamic Republic of Pakistan.
iii) "Client Risk" means those matters listed in Sub-Clause 8.5.3.
iv) "Force Majeure" means an event or circumstance which makes performance of a Party's obligations impracticable and which is beyond that Party's reasonable control and as explained in clause GCC **21**.
v) "Materials" mean things of all kinds to be supplied, machinery, equipment and incorporated in the Services by the Contractor.
vi) "Machinery" means the machinery, vehicles and apparatus intended to form or forming part of the Services.
vii) "Site" means the place(s) provided by the Client where the Services are to be executed, and any other place(s) specified

in the Contract as forming part of the Site.

viii) Variation" means a change which is instructed by the Client under Clause 14 of GCC.

ix) "Service" means any or all the Services whether Municipal solid waste collection (Primary & Secondary), De-silting / Cleaning of Nallas and Small Open Drains, transportation, mechanical sweeping, manual sweeping, mechanical washing and establishment & maintenance of Transfer Stations and controlled dump sites and any variation thereof.

(s) **"**Interpretation**"** Words importing persons or parties shall include firms and organizations. Words importing singular or one gender shall include plural or the other gender where the context requires.

(t) **"**Law" means the Contract Act 1872 which is relevant Law of the Islamic Republic of Pakistan.

(u) "Statutory Obligations" The Contract shall comply with the Laws of Islamic Republic of Pakistan and shall give notices and pay all fees and other charges in respect of the Services due from time to time.

2. Application

2.1. These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.

3. Country of Origin

3.1. All Services supplied under the Contract shall have their origin in the countries and territories eligible under the rules, as further elaborated in the SCC.

3.2. The origin of Services is distinct from the nationality of the Service Provider. In any case, the requirements of rules 10 & 26, PPR-14, shall be followed.

4. Standards

4.1. The services supplied under this Contract shall conform to the standards mentioned in the Technical Specifications / Scope of Services / Work Plan / Deputation Plan.

5. Use of Contract Documents and Information; Inspection and Audit by the procuring agency.

5.1. The Service Provider shall not, without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Service Provider in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

5.2. The Service Provider shall not, without the Procuring Agency's prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of executing the Contract.

5.3. Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Procuring Agency and shall be returned (all copies) to the Procuring Agency on completion of the Service Provider's performance under the Contract if so required by the Procuring Agency.

5.4. The Service Provider shall permit the Procuring Agency to inspect the Service Provider's accounts and records relating to the performance of the Service Provider and to have them audited by auditors appointed by the procuring agency, if so required by the procuring agency.

6. Performance Guarantee

6.1. Within Fifteen (15) days of receipt of the Notification of Contract Award, the successful Bidder shall furnish to the Procuring Agency the Performance Guarantee of the amount specified in SCC / Bid Data Sheet & clause 2.6.2 of ITB.

6.2. The proceeds of the Performance Guarantee shall be payable to the Procuring Agency as compensation for any loss resulting from the Service Provider's failure to complete its obligations under the Contract.

6.3. As per Rule-56 of PPR-14, the performance guarantee shall be denominated in the currency of the country acceptable to the Procuring Agency and shall be in one of the following forms:

(a) A bank guarantee issued by a scheduled bank located in the Procuring Agency's country, in the form provided in the Bidding Document.

6.4. The performance guarantee shall be released by the Procuring Agency / Client and returned to the Service Provider / Contractor not later than thirty (30) days following the date of completion of the Service Provider's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.

7. Incidental material

7.1. The Service Provider may be required to provide any of the incidental material if any, specified in SCC:

8. Commencement of Services Starting Date / Effective Date of Commencement

The Service Provider shall commence services within the period specified in **SCC** after the date the Contract becomes effective, but in no case it shall be without the receipt of performance guarantee.

9. Time Schedule of Services

The time schedule of Services is specified in the **SCC.**

10. Payment

10.1. The method and conditions of payment to be made to the Service Provider under this Contract shall be as specified in SCC.

10.2. The Service Provider's request(s) for payment shall be made to the Procuring Agency in writing, accompanied by an invoice describing, as appropriate, Services performed, and by documents submitted and upon fulfillment of other obligations stipulated in the Contract.

10.3. As per rule-62 of PPR-14, payments shall be made promptly by the Procuring Agency, but in no case later than thirty (30) days after submission of an invoice or claim by the Service Provider, provided the work is satisfactory and duly verified by the representative(s) of Procuring Agency / Client deputed and authorized in this regard.

10.4. The currency of payment would be PKR.

11. Prices

11.1. Prices charged by the Service Provider and Services performed under the Contract shall not vary from the prices quoted by the Service Provider in its Bid, with the exception of any price adjustments authorized in SCC.

12. Contract Price

12.1. The price payable in Pak Rupees (PKR) is set forth in **SCC**

13. Price Escalation / De-Escalation and Change in the Applicable Law

13.1. Price adjustment will be allowed in this contract as explained in Special Conditions of the Contract (SCC).

14. Change Orders

14.1. The Procuring Agency may at any time pursuant to GCC Clause 15, by a written order given to the Service Provider / Contractor, make changes within the scope of the Contract or any additional scope of work, only if it is established and admitted as inevitable for the successful completion of the services with prior approval of Board of Directors, LWMC/FWMC / SPAF and / or SPA.

14.2. If any such change causes an increase or decrease in the cost of, or the time required for, the Service Provider's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price, or both, and the Contract shall accordingly be amended. Any claims by the Service Provider for adjustment under this clause must be asserted within thirty (30) days from the date of the Service Provider's receipt of the Procuring Agency's change order.

15. Contract Amendments

15.1. Subject to GCC Clause 14, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

16. Assignment

16.1. The Service Provider / Contractor may execute subcontracting in a year for services with prior written approval of the Procuring Agency / Client.

17. Sub-Contracts

17.1. The Service Provider shall notify the Procuring Agency in the Bid of all subcontracts to be assigned under this Contract. Such notification, in the original Bid or later, shall not relieve the Service Provider from any liability or obligation under the Contract.

17.2. Subcontracts must comply with the provisions of GCC Clause 16.

18. Delays in the Service Provider's Performance

18.1. Performance of Services shall be made by the Service Provider in accordance with the Schedule of Requirements/Work Plan/ Deputation Plan as prescribed by the Procuring Agency in Section VII.

18.2. If at any time during performance of the Contract, the Service Provider or its subcontractor(s) should encounter conditions impeding timely performance of Services, the Service Provider shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). The Procuring Agency after receipt of the service provider's such notice shall evaluate the situation and if deemed appropriate and rationale, the Procuring Agency may extend the Service Provider's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.

18.3. Except as provided under GCC Clause 21, a delay by the Service Provider in the performance of its delivery obligations shall render the Service Provider liable to the imposition of liquidated damages.

19. Liquidated Damages

19.1. Notwithstanding to GCC Clause 21, if the Service Provider fails to provide the Services as per requirement/ within the period(s) specified in the Contract, the Procuring Agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in **SCC** of the delivered price of the delayed Goods or unperformed Services for each day or part thereof until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum deduction is reached, the Procuring Agency may consider termination of the Contract pursuant to GCC Clause 20 along with other remedies available under PPR-14.

20. Termination for Default

20.1. The Procuring Agency, without prejudice to any other remedy for breach of the Contract, by written notice of default sent to the Service Provider, may terminate this Contract in whole or in part:

(a) If the Service Provider fails to deliver any or all of the service within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency pursuant to GCC Clause 18;

(b) If the Service Provider fails to perform any other obligation(s) under the Contract; or

(c) If the Service Provider, in the judgment of the Procuring Agency has engaged in corrupt practices in competing for or

in executing the Contract. For the purpose of this clause, corrupt practices mean the practice defined as per Section 2(d) of The PPRA Act, 2009 read with Rule 21(d) of PPRA Rules 2014.

20.2 In the event the Procuring Agency terminates the Contract in whole or in part, pursuant to GCC Clause 20.1, the Procuring Agency may procure, upon such terms and in such manner as it deems appropriate, Services similar to those undelivered, and the Service Provider shall be liable to the Procuring Agency for any excess costs for such similar Services. However, the Service Provider shall continue performance of the Contract to the extent not terminated.

21. Force Majeure

21.1. Notwithstanding the provisions of GCC Clauses 18, 19, and 20, the Service Provider shall not be liable for forfeiture of its Performance Guarantee, liquidated damages, or termination for default if and to the extent that it delays in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

21.2. For purposes of this clause, "Force Majeure" means an event beyond the control of the Service Provider and not involving the Service Provider's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. Both, the Procuring Agency and the Service Provider, may agree to exclude certain widespread conditions e.g.: epidemics, pandemics, quarantine restrictions etc. from the purview of "Force Majeure".

21.3. If a Force Majeure situation arises, the Service Provider shall promptly notify the Procuring Agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Agency in writing, the Service Provider shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

22. Termination for Insolvency

22.1. The Procuring Agency may at any time terminate the Contract by giving written notice to the Service Provider if the Service Provider becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Service Provider, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Agency.

23. Termination for Convenience

23.1. The Procuring Agency, by written notice sent to the Service Provider, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Agency's convenience, the extent to which performance of the Service Provider under the Contract is terminated, and the date upon which such termination becomes effective.

23.2. The Services that are complete within thirty (30) days after the Service Provider's receipt of notice of termination shall be accepted by the Procuring Agency on the Contract terms and prices. For the remaining Services, the Procuring Agency may choose:

(a) To have any portion completed and delivered at the Contract terms and prices; and/or

(b) To cancel the remainder and pay to the Service Provider-an agreed amount for partially completed Services and parts previously completed by the Service Provider.

24. Resolution of Disputes

24.1. After signing the contract or issuance of Letter of Acceptance of bid, The Procuring Agency and the Service Provider shall make every effort to resolve amicably by direct informal negotiation any dispute arising between them under or in connection with the Contract.

24.2. If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Service Provider have been unable to resolve Contract dispute amicably, either party may require that the dispute be referred for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed and/or arbitration as per Rule 68 of PPR-14 and in accordance with Arbitration Act-1940.

25. Operative Language

25.1. The Contract shall be written in the language specified in SCC. The version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

26. Applicable Law

26.1. The Contract shall be interpreted in accordance with the laws of Punjab (Pakistan) unless otherwise specified in SCC.

27. Notices

27.1. Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by any electronic means for the time being in use and acceptable in ordinary course of business to the other party's address specified in SCC.

27.2. A notice shall be effective when delivered or on the effective date of notice, whichever is later.

28. Taxes and Duties

28.1. Service Provider / Contractor shall be entirely responsible for all taxes, duties, license fees, etc., for the time being in force, incurred until delivery of the contracted Services to the Procuring Agency including but not limited to Income Tax, General Sales Tax, Sales Tax on Services, Professional Tax, Property Tax and Motor Vehicle Taxes.

29. Extension in Contract period

29.1 Initially the contract shall be for Four (4) years. However, the same would be extendable by the competent authority, on the satisfactory

performance by the contractor for a period of further Two (02) years on annual basis on the same terms & conditions under the contract. Extension in the contact agreement shall be the discretion of the procuring agency and the contractor has no right to claim further extension as a matter of right in the contract.

30. Indemnity

30.1 Service Provider agrees to hold harmless and indemnify Procuring Agency from any and all liability, arising out of Service Provider's negligence, whether it be sole or in concert with others, in connection with performance of the services described herein." caused by Service Provider's negligent performance of services."

30.2. Service Provider shall defend, indemnify, and hold harmless the Public, Municipality, Procuring Agency, its officers, officials, employees and volunteers from and against any and all claims, suits, actions, or liabilities for injury or death of any person, or for loss or damage to property, which arises out of Service Provider's use of Premises, or from the conduct of Service Provider's business, or from any activity, work or thing done, permitted, or suffered by Service Provider in or about the Premises, except only such injury or damage as shall have been occasioned by the sole negligence of the Service Provider.

30.3. Service Provider agrees to protect, defend, and indemnify the Procuring Agency, its subsidiaries, and its and their respective successors, assigns, directors, officers, employees, agents, and affiliates from and against all claims, demands, actions, suits, damages, liabilities, losses, settlements, judgments, costs, and expenses of or by a third party OR whether or not involving a claim by a third party, including but not limited to reasonable attorneys' fees and costs (collectively, "Claims"), actually or allegedly, directly or indirectly, arising out of or related to (1) any breach of any representation or clause of Contract contained in this Agreement; (2) any breach or violation of any covenant or other obligation or duty of Service Provider under this Agreement or under applicable law; (3) any third party Claims which arise out of, relate to or result from any act or omission by Service Provider; and (4) other enumerated categories of claims and losses, in each case whether or not caused in whole or in part by the negligence of , or any other Indemnified Party, and whether or not the relevant Claim has merit.

31. Joint & Severe Liability

31.1 The liabilities including but not limited to liquidation damages (Clause 19) indemnification of claim (clause 30), any recovery of any other loss(es) or damage(s) arising out of nonperformance of services or negligence of the Service Provider under this Agreement shall be the joint and several for all affiliates and associates of Service Provider.

31.2 In case of Sole Proprietorship, the sole proprietor and all his/her successors in interest, legal heirs, legal representatives, executors and permitted assigns shall be jointly and severally liable for the purposes of recovery of amounts as laid out in clause 31.1.

31.3 In case of Partnership Firm, all the partners and their successors in interest, legal heirs, legal representatives, executors and permitted assigns shall be jointly and severally liable for the purposes of recovery of amounts as laid out in clause 31.1.

31.4. In case of a limited liability company, The Chief Executive, all the executive and non-executive directors, all shareholders and their successors in interest, legal heirs, legal representatives, executors and permitted assigns shall be jointly and severally liable for the purposes of recovery of amounts as laid out in clause 31.1.

31.5. In case of Joint Venture, all persons in case of sole proprietor, all partners in case of Partnership Fir and The Chief Executive, all the executive and non-executive directors, all shareholders in case of a limited liability company forming Joint Venture in any combination thereof and his/her/their successors in interest, legal heirs, legal representatives, executors and permitted assigns shall be jointly and severally liable including for the purposes of recovery of amounts as laid out in clause 31.1.

32. Labor Laws

32.1. Service Provider shall comply with all Labor laws for the time being in force including but not limited to Social Security, EOBI & GLI etc. Service Provider shall also strictly ensure minimum wages to unskilled Labor as fixed by the Government from time to time. There shall be zero tolerance as regards the rights of Labor.

Section-VI. Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. Definitions (GCC Clause 1)

GCC 1.1 (m)—The Procuring Agency is: Lahore Waste Management Company (LWMC) on behalf of Suthra Punjab Authority as per the request of Suthra Punjab Agency Faisalabad. Contract will be signed and executed by the Suthra Punjab Agency Faisalabad (SPAF).

GCC 1.1 (n)— The Procuring Agency's country is: Pakistan

GCC 1.1 (o)—The Service Provider is: M/s----------

GCC 1.1 (p)—The Project Site is: Tehsil Faisalabad (Rural-II Areas)

2. Performance Guarantee (GCC Clause 6)

GCC 6.1— **Performance Guarantee:** As per rule 56 of PPR-14, a performance guarantee at the rate of **02%** of the Contract Price for Four Years along with additional Bank Guarantee (Security for Salary) as required under Section-III, shall be provided by the successful bidder who is awarded the contract. The Contractor shall provide Performance Guarantee for the three months beyond the project duration (i.e. 51 months) to the Client. The said guarantee shall be furnished or caused to be furnished by the Contractor within Fifteen (15) days after the receipt of the Notification of Award / Letter of Acceptance.

GCC 6.3— **Form of Performance Guarantee:** An unconditional bank guarantee should be issued by a scheduled bank located in the Procuring Agency's country, in the form provided in the Bidding document or another form acceptable to the Procuring Agency or issued by a foreign bank through a correspondent scheduled bank by State Bank of Pakistan and located in Pakistan acceptable to the Procuring Agency, and in the form provided in the bidding document or another form acceptable to the Procuring Agency. No other mode of performance guarantee will be accepted other than bank guarantee.

GCC 6.4— **Releasing the Performance Guarantee:** The performance guarantee shall be released by the Procuring Agency and returned to the Service Provider on a satisfactory performance certificate 30 days after the expiration / completion of project.

3. Commencement of Services (GCC Clause 8)

GCC 8.1 (a)— The effective date for commencement of services is 30 days after signing of contract. The machinery will be mobilized within these 30 days mentioned above. However, after the expiry of commencement of services period, no penalty will be imposed for another two months.

GCC 8.1 (b)— The infrastructure development for TCPs & waste enclosures will be carried out within thirty (30) days from the signing of the Contract. However, no penalty will be imposed for another two months. Similarly, the contractor will develop the controlled dumpsite within three (03) months from the date of signing of contract without imposing any penalty related to dump site. However, shift arrangements will be the responsibility of the contractor during this tenure of waste disposal. In case of non-availability of government land for establishment of controlled dumpsite, rent of land will be paid to the contractor with prior approval of the Client.

Note: TCP operational and rental cost are part of cost estimates. Cost of land /rent for landfill is not included in cost estimates. However, all other operational cost of landfill is part of the cost estimates. SPAF / SPA will facilitate in acquiring state owned land for landfill and in case of non-availability of state-owned land, then SPAF / SPA will mutually decide the rental of land with contractor.

The Parties agree that the Time is of the essence in this Contract and, whenever a date or time is set forth in this Contract, the same has been entered into and formed a part of the consideration of this Contract subject to clause 5 of SCC.

4. Time Schedule of Services (GCC Clause 9)

GCC 9.1 (a)— **Contract Period**: The term of the contract shall be for the period of 04 years from the date of commencement of services. Contract is extendable at the same terms and conditions on annual basis, subject to the satisfactory performance of the bidder and with the mutual consent of the parties for another two years.

GCC 9.1 (b)— **Extension of Contract Period**: Contract is extendable for another two years on annual basis at the same terms and conditions, subject to the satisfactory performance of the bidder and with the mutual consent of the parties.

GCC 9.1 (c)— **The Client;**

(i) Provision of Site;

The Client shall provide the Site and right of access thereto on the Commencement Date.

(ii) Permits etc.

The Client shall, if requested by the Contractor, assist the Contractor in applying for permits, licenses or approvals which are required for the Services.

(iii) Resources.

The Client shall, handover the available resources (provided by the client) including Human Resources, Machinery, vehicles whichever is available to the successful service provider as per TORs and approved plan at the discretion of client. Resources (Vehicle / Machinery) which will be handed over to the contractor will be returned back in acceptable working condition as compared to the conditions at the time of handing over of those resources to the Client at the end of the Contract and / or termination what so ever.

(iv) Clients Instructions;

The Contractor shall comply with all instructions given, in accordance with the Contract, by the Client.

(v) Approvals;

No approval or consent or absence of comment by the Client shall affect the Contractor's obligations.

GCC 9.1 (d)— **Client's Representatives;**

(i) Authorized Person;

The Client may appoint a duly authorized person to act for it and on its behalf for the purposes of this Contract. Such authorized person shall be duly identified in the Contract Data or otherwise notified in writing to the Contractor as soon as he is so appointed. In either case, the Client may notify the Contractor, in writing, the precise scope of the authority of such authorized person at the time of his appointment.

(ii) Client's Representative;

The name and address of Client's Representative is given in the Contract Data. However, the Contractor shall be notified by the Client, the change of representative and the delegated duties and authority before the Commencement of Services.

GCC 9.1 (e)— **The Contractor;**

5. Obligations of Contractor

(i) The Contractor shall carry out the Services properly and in accordance with the Contract. The Contractor shall provide all supervision, labor, Materials, Plant and equipment which may be required under the Contract however waste collected will remain the property of the client.
(ii) The Contractor shall procure / purchase its own machinery at least 30% of total machinery as specified in Section-III during first year of the contract. List is given below;

Sr.	Type of Vehicles	No. of Vehicles @ 30%
1	Loader Rickshaw	51
2	Tractor Trolly	9
3	Dumper 5m3	2
4	Tractor Loader	5
5	Dumper 20m3/13.5m3	2
6	Front End Loader	1
7	Tractor Sweeper	0
8	Drain Cleaner (Tractor with Hoe)	1
9	Mechanical Washer	0
10	Water Bowser	0
11	Container Repair Vehicle (CRV)	0
12	Tractor Blade	1
13	Compactor (7m3)	0

14	Chain Arm Roll	3
Total		76

(iii) The movable & immovable assets / properties / machinery / vehicles etc. which will be acquired by the contractor from the Procuring Agency during this contract shall remain under the ownership of Procuring Agency and Contractor shall be bound to return back the same to the Procuring Agency in acceptable condition after the completion of contract and / or termination of contract what so ever.

(iv) CONTRACTOR'S OBLIGATIONS FOR FEE COLLECTION SERVICES

I. Fee Collection Responsibilities:

The Contractor providing sanitation services in Tehsil Faisalabad Rural-II shall also be responsible for the collection of sanitation fees from households, commercial entities, and other applicable premises, at the rates prescribed by the Government of Punjab, within the Contract Area, to the extent that such areas are not covered by the Excise Department for the collection of such fees. The Contractor shall conduct a comprehensive survey for the establishment and verification of the consumer database within the Contract Area. The survey shall cover all consumers within the Contract Area and shall include, at a minimum, the consumer's name, address/location, CNIC No., reference number, category, applicable service/fee details, and such other information as may be specified by the Client.

The Contractor shall complete, verify, reconcile, and submit the consumer database, together with all supporting survey records, to the Client within three (3) months from the Commencement Date, in a complete and satisfactory form and to the satisfaction of the Client.

II. Administrative / Collection Charges:

The contractor will be entitled to administrative / collection charges at the incremental / slab-based ratios prescribed below in Table 11.1 for the amount of fee collected. However, if the contractor fails to collect the desired target (25%, 40%, 60% & 65% for year 1, 2, 3 & 4 respectively), the contractor shall be penalized at the incremental / slab-based ratios prescribed below in Table 11.2.

III. Fee Deposit and Payment Process:

- The Contractor shall deposit full amount (100%) of fee collected into the bank account provided by SPAF / SPA.
- The contractor will submit separate invoice for administration charges on the fee collected on monthly basis.

IV. Commencement of Fee Collection:

Fee collection from households and commercial entities etc. shall commence on a date specified by the client but not later than four months after the execution of the contract. However, contractor will ensure zero billing to consumers in that period. Penalty on fee collection will start after six (06) months period.

V. Digital Billing System:

SPAF / SPA will establish a digital billing system to facilitate the contractor in fee collection.

VI. Enforcement of Bill Recovery:

SPAF / SPA, local governments and the District Administration will enforce and facilitate the bill recovery mechanism under the powers granted to them by the Local Government Act and applicable rules.

VII. Fee Charges Compliance:

The contractor is obligated to collect and submit fee charges according to the rates notified by the Government of Punjab (GOPb).

Table-11.1: Admin. / Collection Charges Mechanism for Fee Collection

Fee Collection Target (of assessed value)	Fee Collected	Contractor Share / Admin. Charges
25% (1st Year)	25%	10% of the Fee Collected
	25% to 50%	10% + 15% of the additional collection
	50% to 80%	10% + 15% of the additional 25% + 20% of the remaining
	80% to 100%	10% + 15% of the additional 25% + 20% of the additional 30% collection + 25% of the remaining
40% (2nd Year)	40%	10% of the Fee Collected
	40% to 60%	10% + 15% of the additional collection
	60% to 80%	10% + 15% of the additional 20% + 20% of the remaining
	80% to 100%	10% + 15% of the additional 20% + 20% of the additional 20% + 25% of the remaining
60% (3rd Year)	60%	10% of the Fee Collected
	60% to 80%	10% + 15% of the additional collection

	80% to 100%	10% + 15% of the additional 20% + 20% of the remaining
65% (4th Year)	65%	10% of the Fee Collected
	65% to 85%	10% + 15% of the additional collection
	85% to 100%	10% + 15% of the additional 20% + 20% of the remaining

Table-11.2: Penalty Mechanism for Below Fee Collection Target

Fee Collection Target (of assessed value)	Fee Collected	Contractor Penalty
25% (1st Year)	>20% to <25%	No Administrative / Collection Charges to the Contractor, No penalty
	>15% to ≤20%	No Administrative / Collection Charges & 1% deduction from the monthly Invoice of the Contractor against SWM Services
	>10% to ≤15%	No Administrative / Collection Charges 2% deduction from the monthly Invoice of the Contractor against SWM Services
	>5% to ≤10%	No Administrative / Collection Charges 5% deduction from the monthly Invoice of the Contractor against SWM Services
	Less than 5%	No Administrative / Collection Charges & 8% deduction from monthly Invoice of the Contractor against SWM Services or Termination proceedings under the contract
40% (2nd Year)	>25% to <40%	No Administrative / Collection Charges to the Contractor, No penalty
	>15% to ≤25%	No Administrative / Collection Charges 1% deduction from the monthly Invoice of the Contractor against SWM Services
	>10% to ≤15%	No Administrative / Collection Charges 2% deduction from the monthly Invoice of the Contractor against SWM Services
	>5% to ≤10%	No Administrative Charges 5% deduction from the monthly Invoice of the Contractor against SWM Services
	Less than 5%	No Administrative / Collection Charges & 8% deduction from monthly Invoice of the Contractor against SWM Services or Termination proceedings under the contract
60% (3rd Year)	>30 % to <60%	No Administrative Charges to the Contractor, No penalty
	>20% to ≤30%	No Administrative Charges 1% deduction from the monthly Invoice of the Contractor against SWM Services
	>10% to ≤20%	No Administrative Charges 2% deduction from the monthly Invoice of the Contractor against SWM Services
	>5% to ≤10%	No Administrative Charges 5% deduction from the monthly Invoice of the Contractor against SWM Services
	Less than 5%	No Administrative / Collection Charges & 8% deduction from monthly Invoice of the Contractor against SWM Services or Termination proceedings under the contract
65% (4th Year)	>35% to <65%	No Administrative Charges 1% deduction from the monthly Invoice of the Contractor against SWM Services

	>25% to ≤35%	No Administrative Charges 2% deduction from the monthly Invoice of the Contractor against SWM Services
	>15% to ≤25%	No Administrative Charges 5% deduction from the monthly Invoice of the Contractor against SWM Services
	>5% to ≤15%	Termination proceedings under the contract
	Less than 5%	No Administrative / Collection Charges & 8% deduction from monthly Invoice of the Contractor against SWM Services or Termination proceedings under the contract

The penalty on less fee collection will start after 6 months from the date of execution of the contract/ commencement of services & in case the contractor fails to meet the fee collection targets specified above, then the contractor will be evaluated as per below mentioned checklist and penalty will be imposed accordingly.

CHECKLIST FOR FEE COLLECTION

Sr. #	Activity	Compliance (Yes/No)
1.	**BILL DISTRIBUTED TO THE ENTITIES** Evidence of Bill Delivery, TCS or any other source of delivery used by the Contractor will be provided to FWMC / SPAF in the following forms: i) Receiving on the bills delivered ii) Pictorial Evidence of the bills delivered iii) Summary of sanitation fee collected and targets achieved iv) Documentary evidence like deposit slips, reconciliation statement etc.	
2.	**FOLLOW-UP WITH THE ENTITIES FOR FEE COLLECTION IN CASE OF NON - PAYMENT** Contractors need to attach follow-up evidence like reminders in shape of following: i) Pictorial Evidence of Reminder Notice / Visit ii) Pictorial Evidence of Engagement with the bill receiver for ensuring recovery iii) Any other evidence	

3.	**INTIMATION TO ENFORCEMENT AND DISTRICT ADMINISTRATION/ FWMC/ SPAF** i) List / Record of Delivery of unpaid entities with the evidence of recovery efforts ii) Reminder sent to the enforcement and district administration/ FWMC/SPAF	

Note: If the contractor fulfills the above mentioned (Sr. 1, 2 & 3) efforts in complete, then no penalty / deduction of less recovery will be charged. Further, above-mentioned steps are not exhaustive, additional steps may be added at the discretion of the SPAF / SPA.

Contractor's Representative

The Contractor shall appoint a representative at site on full time basis to supervise the execution of service and to receive instructions on behalf of the Contractor. The Contractor shall inform the Client in writing regarding the appointment of such representative. Such authorized representative may be substituted / replaced by the Contractor at any time during the Contract Period but only after informing the Client as aforesaid.

GCC 9.1 (f)— **Contractor's Plans and Schedules**

The Contractor shall carry out plans and schedules to the extent specified in the Technical Specifications / TORs. The Contractor shall promptly submit to the Client all plans and schedules prepared by him. Within Seven (07) days of receipt, the Client shall notify any comments or, if the plans and schedules submitted are not in accordance with the Contract, shall reject it stating the reasons.

The Contractor shall carry out all elements of the Services planned and schedules submitted/ approved by client within Seven (07) days after the plan and schedules have been submitted/ approved by the Client. Plans and schedules that have rejected shall be promptly amended and resubmitted for approval of client. The Contractor shall resubmit all plans and schedules commented on taking these comments into account as per the Contract.

6. Payment (GCC Clause 10)

GCC 10.1 (A)— **Terms of Payment:** The contract price including the increases / decreases that may occur due to the additional work or price escalation / de-escalation shall be paid by the Client within 30 days after submission of invoice under the following terms and conditions;

(i) All payments, under this contract shall be made from the bank account of the Client to the Contractor account only. The contractor shall submit the details of bank account in the legal name of the Contractor to the Client for payment.

(ii) In case of Joint Venture / Consortium payment shall be made to the Joint Venture Account only.

(iii) Payments other than the contractor shall not be allowed.

a) Quantities: The services set out in the TORs are the estimated quantities for the services and they are not to be taken as the actual quantities of the Services to be executed by the Contractor in fulfillment of his obligations under the Contract.

b) Services to be measured & method: The Client shall measure the services based on digital monitoring system / KPIs and Village / Ward Committees or any method defined by the Client. Till the time digital monitoring system is not deployed, services will be measured as per KPIs manually through hierarchy defined by the Client.

c) Monthly Invoice;

The Contractor shall be (is) entitled to be paid the value of the Services executed at monthly intervals, The Contractor shall submit, each month to the Client, an invoice showing the amounts to which he considers himself entitled for payment.

(iv)–a; Payment Mechanism of Operational Cost:

i) The net payment based on performance evaluation of doorstep collection, transportation of residential, commercial and bulk waste, Processing and dumpsite etc. will be worked out as per payment mechanism defined in TORs/Scope of Work (KPIs based payment).
ii) Payments would be made in PKR and shall be released based on performance / KPIs as per TORs and approved work plan subject to any escalation / de-escalation as per GCC 13.
iii) Daily Work Performance Evaluation will be based on digital performance evaluation dashboard (till incorporation of the digital performance evaluation dashboard, manual verification of the work will be performed by the designated officers of client). The performance evaluation dashboard will be based on payment mechanism defined in TORs/Scope of Work (KPIs based payment).
iv) In case the submitted invoice is not verified /cleared within thirty days after submission of invoice, then only the verified portion of the invoice will be paid. However, unverified amount will be made after verification/resolution of dispute/arbitration.

(iv)-b; Payment Mechanism of Fee Collection:

- The full amount of the collected fee (100%) must be deposited into the bank account provided by SPAF / SPA.
- Payments to the contractor will be made based on the monthly invoices submitted by the contractor separately.
- The contractor will submit separate invoices for operational cost and administration charges on monthly basis.

GCC 10.1 (B)— **Mobilization Advance:**

- Mobilization advance @10% of first year contract price is allowed.
- An equivalent amount of Bank guarantee issued by any scheduled bank of Pakistan acceptable to the SPAF / SPA against Mobilization advance shall be submitted.

- Mobilization advance will be settled in invoice in twelve equal monthly installments after six months of commencement of services.

GCC 10.1 (C)— **Payment upon Termination:**

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Services executed and of the Materials and Plant reasonably delivered to the Site, adjusted with approval of Client:

Any sums to which the Contractor is entitled under the contract.

Any sums to which the Client is entitled.

Note: In case of Joint Venture, payment will be made on the name of the Joint Venture Bank Account only.

7. Prices (GCC Clause 11)

GCC 11.1— Prices shall be fixed for contract period inclusive of all Applicable Taxes. However, price adjustment will be made at the time of invoice processing as specified in clause 9 of SCC.

8. Contract Prices (GCC Clause 12)

GCC 12.1 (a)—This Agreement is a lump sum price contract and made for the price _____ (in figures) _____ (in words) _____.

Name of Tehsil	Total Bid Price for Four Years (PKR)
Cost of Services for Tehsil Faisalabad (Rural-II Areas)	
Total Bid Price for Four Years (In Words);	

GCC 12.1 (b)—Regarding the performance of the work subject to the tender, any and all expenses related with fuel, insurance, managerial staff, spare parts, maintenance, repair, depreciation, transportation, vehicles, containers and equipment as well as costs of transportation, cleaning supplies in connection with the performance of work under the tender, are included in the bid price. The management cost of the employees to be employed under this contract/in work of tender and employees provided by the Client are included in the bid price.

GCC 12.1 (c)—Pursuant to the laws of Pakistan, all payable taxes and duties required to be paid by the Contractor are included in the bid price including withholding income tax, sales tax and custom duties etc. Any change in amount of taxes by the government shall be adjustable, accordingly.

9. Price Variation (Increase / Decrease) / (Escalation / De-Escalation) (GCC Clause 13)

GCC-13.1 (a): **Increase and Decrease of Cost**

Escalation Factor Working		
Particulars	**%age**	**Adjustment Factors**
Fuel Cost	31.70%	c
HR Cost	41.31%	b
Other Operational Cost	26.99%	a
Total Net Operational Cost	**100.00%**	

Fuel Rate as on August 11, 2026 as per PSO (High Speed Diesel @380.86/Ltr)
Minimum Wage of PKR 40,000/ month as on August 11, 2026.

Pn = P Price Adjustment Factor

a	26.99	Constant
b	41.31	Labor %age in total Operational Cost
Ln	40,000	Current Labor Rate
Lo	40,000	Contract Labor Rate
c	31.70	Fuel %age in total Operational Cost
Fn	380.86	Current Fuel Rate
Fo	380.86	Contract Date Fuel Rate

Escalation Factor for the month

The amount payable to the Contractor, shall be adjusted in respect of the rise and fall in the cost of labor and fuel by applying to such amount the formula prescribed below;

Pn = a + b (Ln/Lo) + c (Fn/Fo)

Where,

"Pn" is the Price Adjustment factor for the work carried out in the period "n".
"a" is the constant or the Non-Adjustable Portion of the Price Adjustment Factor.
"b", "c" are coefficients or weightage s of the order of 0.xx (i.e., fractions have two significant digits) for each specified element of adjustment in the Contract. The sum of a, b, c, etc., shall be one.

"Lo", "Fo" are the Base Date Indices for the Labor and Fuel which are adjustable elements.
"Ln", "Fn" are the Current Date Indices of the Labor and Fuel which are also adjustable elements for the period "n" i.e. Invoice Period. If "P" is the amount payable (prior to adjustment) at the rates entered in the Price Schedule of the work carried out in period "n" then, Adjusted amount payable to the Contractor for the work carried out in the period "n" shall be equal to Pn*P.

Coefficients

a = 0.2699
b = 0.4131 Labor

c = 0.3170 Fuel

GCC-13.1 (b): **Base and Current Dates Prices & Source of Prices:**

As provided in Section-III: Technical Specifications / TORs;

- Fuel Rate as on August 11, 2026 as per PSO (High Speed Diesel @380.86/litre).
- Minimum Wage of PKR 40,000/month as on August 11, 2026.

10. Change Orders & Variations (GCC Clause 14)

GCC-14.1 (a) **ADDITIONAL WORK THROUGH CHANGE ORDER:** The Client may ask the Contractor to execute the Services that are not included in the scope of the Contract as per its need. In such a case the values of the Services to be executed shall be offered to the Client by the Contractor. In case the offered values are accepted to the Client, the additional Services shall be executed by the Contractor. In case of otherwise, the Client may assign the task to any other contractor. Approval of any additional work will be sought from the Board of Directors-SPAF / SPA.

GCC-14.2: Equitable adjustment means proportionate change against all the input values based for cost estimation.

GCC-14.3 (a): Right to vary the Scope of Services reference to GCC 14.1 (a):

The Client may issue mutually agreed Variation Order(s) in writing, where for any reason it has not been possible for the Client to issue such Variation Order(s), the Contractor may confirm any orders given by the Client in writing and if the same are confirmed by the Client, within seven (07) days of the receipt of such confirmation the same shall be deemed to be a mutually agreed Variation Orders for the purpose of this Contract.

GCC-14.3 (b): Valuation of Variations:
Variations shall be valued as follows:

a) At a lump sum price agreed between the Parties, or
b) Where appropriate, at rates in the contract, or
c) In the absence of appropriate rates, the rates in the contract shall be used as the basis for valuation, or failing which
d) At appropriate new rates, as may be agreed

GCC-14.3 (c): Early Warnings:

The Contractor shall inform / notify the Client in writing as soon as he is aware of any circumstances which may delay, stop or disrupt the Services, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the client being unable to keep all relevant records or not taking steps to minimize any delay, stop, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Contract Period or additional payment shall be reduced/rejected.

11. Contract Amendments (GCC Clause 15)

GCC-15: No amendments or modification of this Agreement shall be valid unless evidence in writing and signed by duly authorized representative of both parties. Any amendments to this contract or supplemental Contract may be made by means of mutual understanding of both the parties.

12. Sub-Contracting (GCC Clause 17)

GCC-17.2: Subject to Clause 16 of GCC, Contractor may execute subcontracting in a year for services with prior written approval of the Procuring Agency. The Bidder will at all times and for all purposes remain liable in connection with any matter which may arise as a result of sub-contracting, including resolution of any disputes; performance, quality, delivery, timeliness etc. of the sub-contracted Bidder / contractor's Obligations etc.

13. Liquidated Damages (GCC Clause 19)

GCC 19.1— Liquidated damages applicable Rate: 0.07% of the Contract Price of the delayed services per day as per services described in Section-III. But not exceeding Ten (10%) of Contract Price stated in the Notice of Contract Award / Letter of Acceptance by the Procuring Agency.

14. Termination for Default (GCC Clause 20)

(A) Default by Contractor

If the Contractor abandons to provide the Services, refuses or fails to comply with a valid instruction of the Client or fails to provide expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Client may give notice within three days referring to this Sub-Clause and stating the default.

If the Contractor has not taken due practicable steps to remedy the default within seven (07) days after receipt of the Client's notice, the Client may, by further notice, terminate the Contract with immediate effect. Upon such termination, the Contractor shall demobilize from the Site, leaving behind such Contractor's Equipment as the Client may instruct, in the termination notice, to be used for completion of the Services at the risk and cost of the Contractor until alternative arrangements are made by the Client.

(B) Default by Client

If the client fails to pay in accordance with the Contractor, or is, despite a written complaint, the Contractor may give notice referring to this Sub-Clause and stating the default. If the default is not remedied within fourteen (14) days after the Client's receipt of this notice, the Contractor will refer the case to the responsible senior management of the Client for finalization and then take further course of action.

If the default is not remedied within twenty-eight (28) days after the Client's receipt of Contractor's notice, the Contractor may by a second notice given within a further twenty-one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site.

15. Termination for Insolvency (GCC Clause 22)

If a Party is declared insolvent under any applicable law, the other Party may by notice terminate the Contract immediately. The Contractor shall then demobilize from the Site leaving behind, in the case of Contractor's solvency; any Contractor's Equipment which the Client instructs in the notice is to be used for the completion of Services at the risk & cost of the Contractor till the alternative arrangement by the Client.

16. Resolution of Disputes (GCC Clause 24)

GCC 24.2—the dispute resolution mechanism to be applied pursuant to GCC Clause 24.1 shall be as follows:

If any dispute or difference of any kind (a "Dispute") arises between Client and Contractor in connection with, or arising out of, this Agreement, the Client's Representative and Contractor's Representative within seven (7) days shall attempt to settle such dispute in first instance through discussion. The designated representatives of Client and Contractor shall promptly confer and exert their best efforts in a good faith to reach a reasonable and equitable resolution of such dispute.

If the representatives are unable to resolve the dispute within seven calendar days, the dispute shall refer within two calendar days of lapse of seven calendar day period to the Managing Director of SPAF for resolution within Seven Calendar Day period.

If the Managing Director of SPAF is unable to resolve the dispute within seven calendar days, the dispute shall refer within two calendar days of lapse of seven calendar day period to the Dispute Resolution Committee headed by Deputy Commissioner for resolution within Fifteen Calendar Day period.

If the Dispute Resolution Committee headed by Deputy Commissioner is unable to resolve the dispute within fifteen calendar days, the dispute shall refer within two calendar days of lapse of fifteen calendar day period to **Divisional Commissioner** for arbitration within thirty days in accordance with the Arbitration Act 1940. Whereas, place of arbitration will be Faisalabad.

GCC-24.3 Arbitration

A dispute which has been the subject of a notice of dissatisfaction shall be finally settled as per provisions of Arbitration Act 1940 (Act No. X of 1940) under the chair of **Commissioner Faisalabad** and rules made there under and any statutory modifications thereto. Any hearing shall be held at Lahore, Pakistan and in the language referred to in the Clause 3. The Decision of the Divisional Commissioner shall be final and binding upon Client and Contractor.

GCC-24.4 Continued Performance

During the pendency of any arbitration, Contractor and Client shall continue to perform their obligations under this agreement.

17. Operative Language (GCC Clause 25)

GCC 25.1— The operative Language shall be: English.

18. Applicable Law (GCC Clause 26)

GCC 26.1-The Contract shall be interpreted in accordance with the laws applicable in the jurisdiction of the province of Punjab (Pakistan):

19. Notices (GCC Clause 27)

GCC 27.1 (a)—Procuring Agency's address for notice purposes;

General Manager (P & C)
Office No. 4&5, 4th Floor, Shaheen Complex, Edgerton Road, Lahore
Tel: 092-42- 99205153-55, Fax: +92-42-99205156
Email: procurement@lwmc.com.pk

GCC 27.1 (b)—Contractor / Service Provider's address for notice purposes;

20. – PANELTIES & TERMINATON OF THE AGREEMENT

20.1 The detailed table of Key performance Indicators and their related penalties are provided in a table given in Section III, Technical Specification.

20.2 Procedure for imposing of Penalty;

20.2.1 If the Client finds anything contrary to the description and scope of work specified in the technical document, which are liable to be penalized as per the defined mechanism in the Section-III. Technical Specifications, Scope of Services, the contractor will be conveyed through digital monitoring system or otherwise and compliance be ensured by the contractor as per plan. Non-compliance of TORs/ Scope of Work will be reflected in penalties and will also lead deduction of payments as per payment mechanism defined in TORs/Scope of work.

20.2.2 The digital system of penalties and KPIs adding to performance evaluation shall be dashboard based connected with vehicle tracking system, digital attendance system, complaint redress / redressal system, penalty management system, dump site and TCP management system etc. The systems may be modified / amended but all the values shall process digitally with availability of all the above to the contractor for measuring its own performance as well.

20.2.3 If during the term of this Agreement any governmental or regulatory authority or agency assesses any fines or penalties against Contractor or Client arising from Contractor's failure to operate and maintain the Project in accordance with applicable Laws without Clients prior written consent, such fines and penalties shall be the sole responsibility of Contractor and shall not be deemed a Reimbursable cost.

20.2.4 Performance evaluation mechanism of the services provided shall be placed in subject to the contract by the Client and in case the contractor fails to perform as per required standard, penalty shall be applied for each performance criteria as specified in penalty management system in Section-III.

20.2.5 KPI annexed with technical specifications shall define the service level required by the Client failing which deduction will be made by the client. The system will evaluate daily working of the contractor and will issue compliance points leading to calculate invoice amount. Since imposition of penalty is not objective of the Client but to ensure optimal level of required services, imposition of penalty by the Client shall remain in passive mode with a considerate

stream of mind as far as possible. Unless the completion phase transaction to final the technical specifications is completed.

The Client may not apply penalty to Contractor as far as possible with good intention by showing tolerance until the completion of the transition phase define in the technical specifications. However, in case any conflict arises between the parties regarding imposition of penalties as per the defined mechanism in the Section-III i.e. Technical Specifications/TORs (Scope of Services), any party can refer the matter before a local committee which will be duly notified by the Client. The Local Committee shall consist of a total of three members notified by the Client, with the mutual consent of the Contractor. The decision of the said Committee shall be subject to challenge by either Party in accordance with the dispute resolution mechanism provided under the Contract.

20.2.6 Any grievance or objection against any penalty imposed by the Client shall be submitted by the Contractor in writing within seventy-two (72) hours from the date and time of imposition/application of such penalty. If the Contractor fails to submit the grievance within the aforesaid seventy-two (72) hour period, the Contractor may, within three (3) days immediately following the expiry of the said seventy-two (72) hour period, submit a written request to the Managing Director (MD), SPAF, seeking permission to lodge the grievance. Such request shall clearly state, in detail, the reasons and circumstances that prevented the Contractor from submitting the grievance within the prescribed seventy-two (72) hour period, along with any supporting documents, where applicable. The MD, SPAF, may, at his discretion considering the circumstances quoted by the contractor in its request on case-to-case basis, allow or reject such request. The decision of the MD, SPAF, on the Contractor's request shall be communicated within two (2) working days from the date of receipt of such request. Where permission is granted, the Contractor shall be allowed to lodge the grievance within the period specified by the MD, SPAF. Where the request is rejected, or where no such request is submitted within the aforesaid three (3) day period, the penalty shall be deemed to have been accepted by the Contractor, and no grievance or objection in respect of such penalty shall thereafter be entertained.

21. RISKS AND RESPONSIBILITIES

21.1 Contractor's Care of the Services

The Contractor shall take full responsibility for the care of the Services from the Commencement Date until the completion of contract. If any loss or damage happens to the Client or to any public or private party during the above period due to any act, negligence or Omission of the Contract, the Contractor shall rectify such loss or damage.

Unless the loss or damage happens as a result of any of the Client's Risks, the Contractor shall indemnify the Client, or his agents against all claims of loss, damage and expense arising out of any act or omission of the Contractor during the Services.

21.2 Time Extension

Situation for which time extension shall be provided by the Client are as follows:

a) In cases where the Client fails to fulfill its obligations regarding performance of the Contract and Technical specifications, due to any reason (including site delivery, approval of projects & works programs), causing delay to the work of Client whereby

the responsibility does not fall on the Contractor. However, despite efforts of the Contractor, it causes delay in performing the required tasks. In such cases, the delay time shall be calculated rationally considering the reasons preventing the realization and nature of work.

b) In case the scope of work is increased due to any additional work, time period of the business may be extended in proportion to the increased work for part or all of the business.

21.3 The Client's Risks

The Client's Risks are;

a) War, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country.
b) Rebellion, terrorism, revolution, insurrection, or civil war, within the Country;
c) Riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Services;
d) Ionizing radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/sub-Contractors may be responsible for the use of any radio-active material;
e) Pressure wave caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
f) Use or occupation by the Client of any part of the Services, except as may be specified in the Contract;
g) Late handling over the sites, anomalies in maps, late delivery of maps and maps of any part of the Services by the Client's personnel or by other from whom the client is responsible;
h) Physical obstructions or physical conditions other than climatic conditions encountered on the Site during the performance of the Services for which the Contractor immediately notified the Client and accepted by the Client.

22. SAFEGUARDING AND INSURANCE OF THE WORK AND WORK PLACES

22.1 Arrangements

The Contractor shall, prior to commencing the Services, indemnify, defend and hold harmless the Client, and its respective officers, directors, employees, and representatives from and against any and all claims, caused due to any act or omission of the Contractor, (in whatever form and to the fullest extent permitted by law) except for items (a) to (e) and (i) of the Client's Risks under Sub-Clause 8.5.3. The Contractor shall provide the Client with evidence that any required policy is in force and that premiums have been paid. Any Costs or expenses incurred by Contractor pursuant to its indemnity obligations under this Clause shall be the sole responsibility of the Contractor. If the Contractor does not buy any insurance to cover the said indemnity and any such instance occurs, the contractor shall bear directly the expenses to fulfill such indemnity.

22.2 Default

If the contractor fails to effect or keep in force any of the insurance referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Client may. Without prejudice to any other right or remedy, effect insurance for the cover relevant to such a default and pay the premiums due and cover the same plus 15% due to the Contractor.

23. PROJECT CONDITION AT END OF TERM

23.1 Completion

The Contractor shall notify the Client when he considers the Services are completed.

23.2 Site Condition at the end of Term

Upon expiration and termination of this Agreement, Contractor shall remove its personnel from the project. Contractor shall leave the project / site in a good condition except normal wear and tear and casualty. The Contractor shall be paid all unpaid Costs. The properties that belong to the Client like all workshops, transfer stations, parking areas buildings and offices, vehicles and resources handed over by Client without any cost implication shall be returned by the contractor in an acceptable condition to the Client.

24. CODE OF CONDUCT & RULES OF ETHICS

24.1 The contactors that attempt to get secret information, to conclude illegal agreements with the competitors or to affect the Client during the phase of tender inspection, evaluation, and comparison shall result in their candidacy or offers being cancelled and this situation shall be penalized administratively.

24.2 The Contractor shall announce that it does not get affected from any potential conflict of interests by participating in the tender and that it does not have any equivalent relationship with the other tender participants or parties participating in the project. In case such a situation evolves during the execution, the Contractor shall inform the Client immediately.

24.3 The Contractor shall always act impartially and trust worthily in accordance with the rules of business ethics. It should avoid from making public announcements regarding the projects and services without prior authorization of Client. It shall not oblige the Client without prior authorization in anyway.

24.4 The Contractor and its staff shall be respectful towards basic human rights during the Contract and shall promise not to act against political, cultural, and religious customs of the country and avoid all kinds of discrimination.

24.5 The contractor shall not accept payments other than the ones stated in the contract. The Contractor and its staff shall not act in an inconsistent way or contrary to their obligations and shall not accept any benefits against the Client. The Contractor shall not accept any types of presents, entertainment or similar direct or indirect contributions that may affect their decisions in executing the job.

24.6 The Contractor and its staff are obligated to keep the confidentiality in a

professional way during the Contract period and period afterwards. All of the reports and documents prepared or received by the Contractor are confidential. Such documents and information shall never be shared with third party without permission of the Client.

24.7 Bidder / contractor assets belonging to the client within or outside the scope of work shall not be sold or be utilized by the third parties without appropriate documentation and valid permissions in accordance with Contract. Bidder / contractor assets shall not be used for personal interests or the bidder / contractor's disadvantage.

24.8 Usage of all reports and documents received and submitted by the parties to the Contract during the contract period shall be subject to an agreement.

24.9 The contractor is responsible to ensure behaviors against the public and code of conduct of workers employed by it.

24.10 Contractor shall be constructive, not destructive, with public in performance of the work of tender subject, and not cause any public complaint by endearing, not disgusting. It shall never forget that it is in service on behalf of local Client which aims at serving the public.

24.11 It is strictly forbidden for the contractor to attempt to offer, to give or to promise bribe to the Government Officers and / or Client's employees or representatives in order to execute the job.

24.12 The Contractor shall avoid any such relationship that may put it under any kind of commercial, financial or any other type of pressures that may affect its and its personnel's technical decision's and endanger its ability to decide independently. In such a situation, the Administrative warns the contractor and requires the dismissal of the relevant personnel.

24.13 In case, any type of fraud is identified at any phase of decision process, the Client reserves its rights to suspend or to cancel the tender. Bribes, presents, tips, commission offered as an incentive or reward to any person shall be considered as "fraud" under this provision.

25. LABOR & LABOR COSTS

25.1 The number of personnel required for the scope of work to be commenced within the boundaries of Tehsil is listed in table provided in the Section-III i.e. Technical Specifications / TORs. The cost of labor provided by the client shall not be included to the prices to be determined for Waste Collection, Mechanical Sweeping, Mechanical Cleaning, Mechanical Sweeping and Urban & Rural areas Cleaning Services. However, cost of the workers hired by the contractor is included in the contract price. Details of the HR strength is provided in the TORs / approved plan.

25.2 The Client shall handover number of existing workers as specified in below table as per Section-III. The management control of these employees shall be with Contractor. Wages and other benefits as per labor laws of these workers shall be paid by the Client.

Sr.	Description	Existing Workers
1	Sanitary Workers	0
2	Sanitary Supervisors	0

3	Helpers	0
4	Drivers	0
Total		**0**

25.3 The Contractor shall employ the additional workers as specified in below table as per Section-III other than those handed over by the Client for the work subject to the tender, the remuneration and personal rights of these employees shall be paid by the Contractor as cost of these workers is included in estimates. These workers / employees hired by the Contractor will not be the employees of FWMC / SPAF and there will be no right of regularization or permanency.

Sr.	Description	Additional Workers
1	Sanitary Workers	632
2	Sanitary Supervisors	34
3	Helpers	04
4	Drivers	253
Total		923

25.4 Contractor shall pay the following to each of his employees:

- Net Salary (Salary multiplier *Minimum wages notified by the Government of Punjab from time to time).
- Social Security
- EOBI (Employees Old age Benefits Institution)
- Group Life Insurance as per labor laws.
- Any other benefit as per labor laws.

25.5 The Contractor shall employ the managerial staff as specified below, within its organization. The personal rights of these personnel shall pertain to the Contractor. The Contractor shall pay salaries and all expenses related with the personal rights of these personnel and shall not demand any additional payment from the Client.

Sr. No	Personnel	Nos.
1	Project Manager having minimum sixteen years education in the field of Business Administration or related discipline with 5 years' relevant experience.	01
2	Engineer having minimum sixteen years education in the field of Environmental / Mechanical / Civil Engineering or related discipline with 5 years' relevant experience.	01

25.6 The lists showing the monthly payrolls and the social declarations of the Contractor's workers, under clause 26.3, shall be submitted, at the beginning of every month by the Contractor to the Client.

25.7 Contractor may reject some of the workers of the Client that it will not anticipate to employ or not satisfied of their performance. Furthermore, in case that staff made available to contractor carried out voluntarily some actions contrary to the laws such as strikes, lockouts, slowdown strikes etc. Contractor shall have rights such as to penalize the staff and terminate employment contract.

25.8 The Contractor may return the personnel transferred from the Client in case he

is found not working as per the required performance and he is not obeying the code of conduct and rules of ethics and morality. Such return of personnel is only allowed with the prior approval of client based on strong documentary evidence.

25.9 Health and physical structure of staff to be employed by Contractor shall be as per qualification which will enable them to execute services of tender.

25.10 The Contractor shall have the right to change location, task etc. in order to use available staff in the efficient way.

25.11 The Contractor shall protect rights and liberties of the staff employed under its responsibility and shall never display false and unfair behavior.

25.12 The contractor shall comply with all employees' weekly and annual holidays. The Client may request for overtime work in case of the natural disasters such as flood, fire etc. if the work schedule sets deadlines.

25.13 The Contractor shall provide to its staff a regular medical examination on bi-annual basis. In this context, Contractor shall either employ an occupational doctor or ensure staff's medical examinations to be carried out regularly by making an agreement with medical institution.

25.14 Every worker shall be given uniforms and pair of shoes every year (as defined in the Section-III. Technical Specifications, Scope of Services).

VEHICLES

26.1 The figures stated in the related section of Technical Specifications / TORs indicates the minimum number of vehicles, containers, equipment and materials. Contractor will maintain and keep functional the specified number of vehicles, machinery, containers, equipment and material and shall also maintain backup vehicle and equipment.

26.2 The number of vehicles, machinery, containers, equipment and material stated in the related section are the estimated figures. At the implementation stage, if Contractor and Client make changes in the Implementation, they also make changes in the number of necessary vehicles and equipment upon joint agreement with prior approval of Client's Board of Directors.

26.3 The vehicles provided by the Contractor shall be in good working condition and will be inspected by the Client before acceptance. Furthermore, the Contractor is bound to ensure vehicle branding, good aesthetics and provision of fitness certificates.

26.4 Rental cost of any property or asset, movable or immovable, including the vehicles / machinery / equipment to be handed over to the Contractor is not included in cost estimates. However, fuel, HR and other allied cost associated to that asset / property is included in cost estimates. Contractor shall return these properties & assets to the Client in acceptable working condition.

Machinery (excluding Landfill Machinery)

Type of Vehicles	Existing
Loader Rickshaw	0
Tractor Trolly	0
Dumper 5m3	0
Tractor Loader	0
Dumper 20m3/13.5m3	0
Front End Loader	0
Tractor Sweeper	0
Drain Cleaner (Tractor with Hoe)	0
Mechanical Washer	0
Water Bowser	0
Container Repair Vehicle (CRV)	0
Tractor Blade	0
Compactor (7m3)	0
Chain Arm Roll	0
Total	0

SECTION-VII. SCHEDULE OF REQUIREMENT / WORK PLAN / DEPUTATION PLAN

Work Plan / Deputation Plan

To be submitted by the Contractor as per the TORs / Scope of Services. Client will approve the plan as per the mechanism defined in BDS, SCC and as per Section-III.

Commencement of Services

(a)— The effective date for commencement of services is 30 days after signing of contract. The machinery will be mobilized within these 30 days mentioned above. However, after the expiry of commencement of services period, no penalty will be imposed for another two months.

(b)— The infrastructure development for TCPs & waste enclosures will be carried out within thirty (30) days from the signing of the Contract. However, no penalty will be imposed for another two months. Similarly, the contractor will develop the controlled dumpsite within three (03) months from the date of signing of contract without imposing any penalty related to dump site. However, shift arrangements will be the responsibility of the contractor during this tenure of waste disposal. In case of non-availability of government land for establishment of controlled dumpsite, rent of land will be paid to the contractor with prior approval of the Client.

Section-VIII: Sample Forms

8.1 Bid Form

[To be signed & stamped by the Bidder and reproduced on the letter head as well as on copy of this form. To be attached with the Financial Bid]

To:

The Chief Executive Officer
Lahore Waste Management Company (LWMC)
Office No. 4-5, 4th. Floor, Shaheen Complex, Edgerton Road, Lahore, Pakistan

Gentlemen:

Having examined the Bidding Document including Addendum No _____, the receipt of which is hereby duly acknowledged, for the above Contract, we, the undersigned, offer to deliver the services as specified in Section III – of Scope of Services / Technical Specifications / TORs and in conformity with the said bidding document for the Total Bid Price of required services.

Name of Tehsil	Total Bid Price for Four Years (PKR)
Cost of Services for Tehsil Faisalabad (Rural-II Areas)	
Total Bid Price for Four Years (In Words);	

[*Amounts must coincide with the ones indicated under Total Bid Price in* PRICE SCHEDULE 8.9 which shall be inclusive of all applicable / prevailing taxes, duties and other obligations as per TORs/Scope of Services].

Or such other sums as may be ascertained in accordance with the Price Schedule attached hereto and made part of this Bid.

We undertake, if our above stated Total Bid Price for Four years is accepted, to complete the Work in accordance with the Contract Execution Schedule provided in the bidding document.

If our Total Bid Price is accepted, we will provide the performance guarantee in the sum equivalent to **02 percent** of the Four Years Contract Price as elaborated in BDS & SCC, for the due performance of the Contract.

We agree to abide by this Bid for the period of **One Hundred Eighty (180)** days from the date fixed for bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof in your Notification of Contract Award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest-priced or any Bid that you may receive.

Dated this_____ day of _____ 20_____.

Bidder Signature Along with Seal

WITNESS

Signature: _____ Signature: _____

Name: _____ Name: _____

Title: _____ Title: _____

Address: _____ Address: _____

8.2 Bidder's JV Members Information Form

{To be reproduced and signed & stamped by the lead partner and all JV members on their letter Pad, to be attached with Technical Bid in addition to the JV agreement}

{The Service Provider shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the Service Provider and for each member of a Joint Venture}.
Date: *[insert date (as day, month and year) of Bid submission*]
RFB No.: *[insert number of RFB process]*
Alternative No.: *[insert identification No if this is a Bid for an alternative]*

Page _____ of_ _____ pages

1. Bidder's Name: *[insert Bidder's legal name]*
2. Bidder's JV Member's name: *[insert JV's Member legal name]*
3. Bidder's JV Member's country of registration: *[insert JV's Member country of registration]*
4. Bidder's JV Member's year of registration: *[insert JV's Member year of registration]*
5. Bidder's JV Member's legal address in country of registration: *[insert JV's Member legal address in country of registration]*
6. Bidder's JV Member's authorized representative information Name: *[insert name of JV's Member authorized representative]* Address: *[insert address of JV's Member authorized representative]* Telephone/Fax numbers: *[insert telephone/fax numbers of JV's Member authorized representative]* Email Address: *[insert email address of JV's Member authorized representative]*
7. Attached are copies of original documents of *[check the box(es) of the attached original documents]* ☐ Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITB 4.4. ☐ In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Service Provider. 8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

BIDDING FORM T1 - LETTER OF TECHNICAL PROPOSAL

Date: ……

Outsourcing of Solid Waste Management Services Including Primary and Secondary Collection (DTD), Transportation and Disposal of Solid Waste to Dumpsite Site of Tehsil Faisalabad (Rural-II Areas) (the "Project")

To: [insert Procuring Agency's address]

We, the undersigned, confirm, undertake and declare that;

a) We have examined and have no reservations to the Bidding Document issued in accordance with ITB 6 (Amendment of Bidding Documents) dated _____ for the Project.
b) We offer to perform and undertake the Bidder / contractor`s Obligations in respect of the Project in conformity with the Bidding Document without any omission, reservation and deviation; and we accept and undertake to comply with all requirements in the Bidding Document including the schedules / annexures attached to the Bidding Documents.
c) Our Bid consisting of the Technical Proposal and the Financial Proposal shall be valid for a period of 180 days from the date fixed for the Submission Deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
d) As security for due performance of the undertakings and obligations of this Bid, we submit unconditionally herewith the Bid Security drawn in your favor or made payable to you and valid for a period equal to or 30 days beyond the period of validity of Bid. We confirm that the Bid Security has been issued and maintained in PKR in accordance with the requirements of the Bidding Documents.
e) As security for due performance of the undertakings and obligations of this Bid, we submit unconditionally herewith the Bid Security drawn in your favor or made payable to you and valid for a period of 180 days covering the period of validity of Bid. We confirm that the Bid Security has been issued and maintained in PKR in accordance with the requirements of the Bidding Documents.
f) We, including any Sub-Contractor, have or will have nationalities from eligible / authorized countries, in accordance with the requirements of the Bidding Documents.
g) We, including any Sub-Contractor, do not have any conflict of interest in accordance with the requirements of the Bidding Documents.
h) We understand that all the schedules / annexures attached to the Bidding Document are integral part of the Bidding Documents.
i) We undertake to perform the Bidder / contractor`s Obligations same within the time period stipulated in Notification of Award.
j) We understand that this Bid, together with your written acceptance thereof included in your Notification of Award, shall constitute a binding contract between us, until the Contract is cancelled / meets its duration.
k) We and our Sub-Contractor (if any) neither blacklisted by any authority / entity nor have been involved in any litigation in court and investigation for fraud or corruption in or outside Pakistan. We are not involved in any bankruptcy or liquidation proceedings. We have not been engaged in any corrupt or fraudulent practices nor have any commissions or gratuities been or are to be paid by us to agents relating to this Bid and Contract's execution.
l) We are not participating, as a Bidder in more than one Bid in this Bidding Process in accordance with the requirements of the Bidding Document.
m) We, our affiliates or subsidiaries, including any Sub-Contractor, have not been declared ineligible under the Procuring Agency's country laws or official regulations.
n) We agree to permit the Procuring Agency or its representative to inspect our accounts and records and other document relating to the Bid submission and to have them audited

by auditors appointed by the Procuring Agency at its expense.

o) We hereby declare that all the information and statements made in this Bid are true and accept that any misrepresentation contained in it shall lead to our disqualification, forfeiture of the Bid Security and / or our blacklisting by the Procuring Agency.
p) We undertake, that if our Bid is accepted, to furnish the Performance Guarantee as per the requirements of the Bidding Document and the Contract within the time mentioned in Notification of Award / Letter of Acceptance.
q) We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a Bid for the Bidder / contractor`s Obligations.
r) We understand that the Bidding Document has been issued by the Procuring Agency for the Project; and if our Bid is accepted, we shall execute the Contract for the Project as per the requirements of the Bidding Document.

Unless otherwise specified, capitalized terms used herein shall have the same meaning given to them in the Bidding Documents).

Name ……...……

In the capacity of ……..

Signed ……...……

Duly authorized to sign the Bid for and on the behalf of …… (Name of Bidder)

Date …….

[Seal]

In the presence of

[***Name***]
[***Signature***]
[***Title***]

[***Name***]
[***Signature***]
[***Title***]

BIDDING FORM T2 - FORM OF INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE BIDDER / CONTRACTOR

Dated _____

[Name of Bidder] (the "Bidder") hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Punjab, Lahore Waste Management Company (LWMC), any administrative subdivision or agency thereof or any other entity owned or controlled by Government of Punjab (collectively to be hereinafter referred to as the "GoP") through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Bidder] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[Name of Bidder] certifies that it has made and will make full disclosure of all Contracts and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[Name of Bidder] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [name of Bidder] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Bidder] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Name of Procuring Agency: Lahore Waste Management Company (LWMC)
Name of Bidder: _____
Signature: …….
[Seal]

BIDDING FORM T3 - FORM OF POWER OF ATTORNEY

KNOWN BY ALL THAT by this Power of Attorney [insert name of Bidder] (the "Bidder") having its head office situated at [•], does hereby nominate, appoint & authorize Mr. [•] S/o Mr. [•] and Mr. [•] S/o Mr. [•] (both of whose specimen signatures are appended below), on behalf of the Bidder, hereinafter referred to as the attorney, to sign the Bid, the ancillary documents, the Acceptance of Notification of Award and the Contract (if awarded the Notification of Award), to negotiate, execute (under hand or under seal), sign and deliver all contracts, instruments, deeds, Contracts, applications and other documents, to make amendments to the same whether or not material, and to submit the same to the Procuring Agency, and to act for and on behalf of the Bidder and to bind the Bidder in relation to the bidding process and all ancillary documents, instruments and evidences submitted pursuant thereto, and generally to take such actions and decisions as may be necessary for the purpose of the bidding, to appear before any appropriate registrar or sub-registrar, represent the Grantor before such registrar and to do all acts and things incidental to registration of any instrument, and to do all other things and to take all necessary steps incidental to the exercise of the above powers or which the Attorney considers necessary or expedient with regard to the foregoing or the effective exercise of any power listed above.

This Power of Attorney is issued with respect to Bidding Document circulated on [insert date Bidding Document is floated] (the "Bidding Documents").

Capitalized terms used herein and not otherwise defined shall bear the meaning ascribed thereto in the Bidding Documents.

The Bidder does hereby ratify and confirm whatever the attorney shall do by virtue of these presents.

Specimen signature of Mr. [name of the nominee on behalf of Bidder]

Specimen signature of Mr. [name of the attorney appointed by Bidder]

[Signature]
[Name]

[Designation]
[Bidder / contractor]
WITNESSES:

1. Signature ----------	2. Signature ----------
Name ----------	Name ----------
S.O/D.O: ----------	S.O/D.O: ----------
-----	-----
Address ----------	Address ----------
----------	----------
Passport / CNIC ----------	Passport / CNIC ----------

BIDDING FORM T4 – FORM OF AFFIDAVIT

[To be printed on PKR 300 Stamp Paper, duly attested by Oath Commissioner / Notary Public. To be attached with Technical Bid]

Notes for Execution of Affidavit;

- *The mode of execution of the Affidavit should be in accordance with the procedure, if any, laid down by the applicable laws and the same should be under common seal affixed in accordance with the required procedure.*
- *Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a resolution / power of attorney in favor of the person executing this Affidavit for the delegation of power hereunder on behalf of the Bidder.*
- *This Affidavit shall be notarized with the Notary Public.*

Please find below the form and substance of Affidavit.

Date: _____

To:

The Chief Executive Officer

Lahore Waste Management Company (LWMC),

Government of Punjab,

Office No. 4&5, 4th Floor, Shaheen Complex, Egerton Road, Lahore, Pakistan.

I/We, the undersigned, do hereby certify that all the statements made in the Bidding Document and in the supporting documents are true, correct and valid to the best of my knowledge and belief and may be verified by Procuring Agency if the Procuring Agency, at any time, deems it necessary.

The undersigned hereby authorize and request the bank, person, bidder / contractor or corporation to furnish any additional information requested by the Lahore Waste Management Company (LWMC) / Suthra Punjab Agency Faisalabad (SPAF) / Suthra Punjab Authority (SPA) deemed necessary to verify this statement regarding my (our) competence and general reputation.

The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the LWMC / SPAF / SPA. The undersigned further affirms on behalf of the bidder that:

(i) The bidder / all members of Joint Venture have not been blacklisted by the LWMC / SPA / SPAF / FWMC and / or by the PPRA Punjab.

(ii) The documents / photocopies provided with Bid are authentic. In case, any fake / bogus document was found at any stage, LWMC / SPAF / SPA has full right to blacklist our firm as per Law / Rules.

(iii) Affidavit for correctness of information.

(iv) Bidder is not blacklisted by the PPRA Punjab subject to any pending litigation with any Government or Public Department.

(v) Integrity Pact: Declaration Of Fees, Commission And Brokerage Etc. Payable By The Suppliers Of Goods, Services & Works In Contracts Worth Rs. 10.00 Million Or More

(vi) are not in bankruptcy or liquidation proceedings;

(vii) have not been convicted of, fraud, corruption, collusion or money laundering;

(viii) are not aware of any conflict of interest or potential conflict of interest arising from prior or existing contracts or relationships which could materially affect our capability to comply with the obligations under the Contract;

(ix) [are legally and financially autonomous and operate under commercial law][1]; and

(x) all pending actions, suits, arbitration or legal, administrative, governmental or other proceedings or litigation pending or threatening against the Bidder ("Claims") does not in total represent more than 50% of the its net worth, nor are there any Claims that prevent or materially impede the Bidder from its obligations in respect of the Bidder / contractor`s Obligations and the terms of the Contract.

[1] Only relevant for the government owned legal enterprise or institution

That whatever stated above is true and correct to the best of my knowledge and belief and nothing has been concealed thereto.

_____

DEPONENT

Verified on oath at _____ on this ____day of _____, 2026 that the contents of the above Affidavit are true and correct to the best of my knowledge and belief.

_____

DEPONENT

WITNESSES:

a) _____

Name ----------

Address ----------

CNIC ----------

b) _____

Name ----------

Address ----------

CNIC ----------

BIDDING FORM T5 – BIDDER / CONTRACTOR'S ORGANIZATION AND EXPERIENCE

A - Bidder / contractor's Organization

[Provide here a brief (two pages) description of the background and organization of your firm/entity and each associate for this assignment.]

B - Contractor's Experience

[Using the format below, provide information on each assignment for which your firm, and each associate for this assignment, was legally contracted either individually or as a corporate entity or as one of the major companies within an association, for carrying out consulting services similar to the ones requested under this assignment.]

Assignment name:	Approx. value of the contract (in current US$ or Euro):
Country: Location within country:	Duration of assignment (months):
Name of PA:	Total No of staff-months of the assignment:
Address:	Approx. value of the services provided by your firm under the contract (in current PKR):
Start date (month/year): Completion date (month/year):	No of professional staff-months provided by associated:
Name of associated Contractor, if any:	Name of senior professional staff of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader):
Narrative description of Project:	
Description of actual services provided by your staff within the assignment:	

Firm's Name:_____

BIDDING FORM T6 – FORM OF BID SECURITY

BANK GUARANTEE

Guarantee No._____
Executed on _____
Expiry date _____

[Letter by the Bank to the Procuring Agency]
Name of Bank (Bank) with address: _____
Name of Principal (Bidder) with address: _____
Guaranteed Amount (express in words and figures):_____
Date of Bid _____

The above premised, we (the Bank) hereby undertake irrevocably and unconditionally on demand to pay to Lahore Waste Management Company (LWMC) (the Procuring Agency), without any objection, question or delay and without any notice, reference or recourse to the Bidder or to any other entity or without the necessity of any legal or judicial proceedings and without any set-off and without any counterclaim and without any recourse or reference to any document, Contract, instrument or deed, any sum or sums (or any part thereof) equivalent in aggregate up to but not exceeding a maximum amount of:

[●] [●]/- ([●][●])
(The Guaranteed Amount)

at sight and immediately upon the receipt of the Procuring Agency's first written demand (the Demand) at the Bank's offices located at [●] or through SWIFT instructions transmitted by the Procuring Agency's bank (i.e. [●]), on behalf of the Procuring Agency, to the Bank, such Demand stating:

a) that the Bidder is in breach of its obligations towards the Procuring Agency; and
b) *the total amounts demanded.

A Demand shall only be honored by us (i) in the case of a written Demand, if it is made by and bears the signature of an authorized officer or other representative of the Procuring Agency; or (ii) in the case of a Demand transmitted through SWIFT, if it is transmitted through authenticated SWIFT instructions by the Procuring Agency's bank (i.e. [●]), on behalf of the Procuring Agency.

We, the Bank, shall unconditionally honor a Demand hereunder made in compliance with this Bank Guarantee at sight and immediately on the date of receipt of your Demand, as stated earlier, and shall transfer the amount specified in the Demand to the bank account, as notified in the Demand, in immediately available and freely transferable funds in the currency of this Bank Guarantee, free and clear of and without any set-off or deduction for or on account of any present or future taxes, levies, imposts, duties, charges, fees, deductions or withholdings of any nature whatsoever and by whomsoever imposed.

Such demand must be received by us on or before the [●] (the Expiry Date), when this Bank Guarantee shall expire and shall be returned to us.

We have been informed that the Procuring Agency may require the Bidder to extend this Bank Guarantee if the Performance Security has not been issued thirty (30) days prior to such expiry date. We undertake to immediately pay you such guaranteed amount upon receipt by us of your demand in writing and your written statement that the Performance Security has not been issued and that this Bank Guarantee has not been extended.
Upon expiry, this Bank Guarantee shall be returned to the Bidder without undue delay.

The Guaranteed Amount shall be revised upon receipt by us of a notice duly signed by the Procuring Agency and the Bidder of the revised guaranteed amount.

We hereby agree that any amendment, renewal, extension, modification, compromise, release or discharge by mutual Contract by the Procuring Agency, the Bidder or any other entity of any document, Contract, instrument or deed shall not in any way impair or affect our liabilities hereunder and maybe undertaken without notice to us and without the necessity for any additional endorsement, consent or guarantee by us.

This Bank Guarantee for its validity period shall not be affected in any manner by any change in our constitution or of the Bidder's constitution or of their successors and assignees and this Bank Guarantee shall be legally valid, enforceable and binding on each of their successors and permitted assignees.

The obligations of the Bank for the payment of the Guaranteed Amount, are absolute irrespective of the insolvency, bankruptcy, reorganization, dissolution and / or liquidation of the Bidder or occurrence of an event of Force Majeure such as (but not limited to) acts of God, riots, pandemics, civil commotions, insurrections, wars, strikes or lockouts, relating to the Bidder or the Bank or occurrence of any other causes beyond the control or the Bidder or the Bank or any other act or omission by Procuring Agency or occurrence of any event which but for this provision or any other provision of this Guarantee might exonerate or discharge or release Bank's liability hereunder.

The Bank agrees that their liability to Procuring Agency hereunder shall not be affected, reduced and/or extinguished by any disputes between the Bidder and Procuring Agency or by the existence of any litigation or arbitration between the Bidder and Procuring Agency.

The Bank represents and undertakes that the Bank has full power, authority, and legal right to incur obligations under, and to exercise and deliver, and to perform and observe the terms and provisions of this Guarantee and that the Bank has complied with all necessary regulations with respect to the issuance of this Guarantee and this Guarantee constitutes a valid and binding obligation on the Bank's part, enforced in accordance with the terms hereof.

In the event that the Bank fails to make payment to Procuring Agency of the full amount of any of its demands upon receipt of the first simple demand by Procuring Agency (or at the latest by close of business hours on the day of such demand), the Bank will become liable to Procuring Agency and shall make payment to Procuring Agency of an additional amount (in addition to the amount of Procuring Agency's demand) equivalent to the Interbank Offered Rate (at the Offer rate) plus 5% per annum of the amount of Procuring Agency's demand pro rata for each day the amount is not paid by the Bank from the day of the receipt of the demand, together with all costs and expenses incurred by Procuring Agency (including legal costs) for effecting recovery from the Bank.

All references to any contract, Contract, deed or other instruments or documents are by way of reference only and shall not affect our obligations to make payment under the terms of this Bank Guarantee.

If one or more of the provisions of this Bank Guarantee are held or found to be invalid, illegal, or unenforceable for any reason whatsoever, in any respect, any such invalidity, illegality, or unenforceability of any provision shall not affect the validity of the remaining provisions of this Bank Guarantee.

We hereby declare and confirm that under our constitution and applicable laws and regulations, we have the necessary power and authority, and all necessary authorizations, approvals and consents thereunder to enter into, execute, deliver and perform the obligations we have undertaken under this Bank Guarantee, which obligations are valid and legally binding on and enforceable against us under the laws of Pakistan and under the laws of the jurisdiction where this Bank Guarantee is issued. Further, that the signatory (ies) to this Bank Guarantee is / are our duly authorized officer(s) to execute this Bank Guarantee.

This Bank Guarantee and all rights and obligations arising from this Bank Guarantee shall be governed and construed in all respects in accordance with the laws of Pakistan. The courts in Pakistan shall have exclusive jurisdiction in respect of any dispute relating to any matter contained herein.

The issuance of this Bank Guarantee is permitted according to the laws of Pakistan and the laws of the jurisdiction where this Bank Guarantee is issued.

This Bank Guarantee is subject to the Uniform Rules for Demand Guarantee, ICC Publication

No.758.

Name: …….

Designation: ……

BIDDING FORM F1 – LETTER OF FINANCIAL PROPOSAL

Date: …….

Outsourcing of Solid Waste Management Services Including Primary and Secondary Collection, Transportation and Disposal of Solid Waste to Dump Site of Tehsil Faisalabad (Rural-II Areas) (the "Project")

To:
Chief Executive Officer
Lahore Waste Management Company (LWMC),
Government of Punjab,
Office No. 4&5, 4th Floor, Shaheen Complex, Egerton Road, Lahore, Pakistan

We, the undersigned, confirm, undertake and declare that:

a) We have examined and have no reservations to the Bidding Document issued in accordance with ITB 6 (Amendment of Bidding Documents) dated _____ for the Project.
b) We offer to perform and undertake the Bidder / contractor`s Obligations in respect of the Project in conformity with the Bidding Document without any omission, reservation and deviation; and we accept and undertake to comply with all requirements in the Bidding Documents, including the schedules / annexures attached to the Bidding Documents.
c) The Bid Price for 4 years, inclusive of all federal, provincial and local duties, levies and taxes (including Bidder / contractor Taxes) is PKR [insert amount].
d) Our Bid consisting of the Technical Proposal and the Financial Proposal shall be valid for a period of 180 days from the date fixed for the Submission Deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
e) We, including any Sub-Contractor, have or will have nationalities from eligible countries, in accordance with the requirements of the Bidding Document.
f) We, including any Sub-Contractor, do not have any conflict of interest in accordance with the requirements of the Bidding Document.
g) We understand that all the schedules / annexures attached to the Bidding Document IS integral part of the Bidding Document.
h) We undertake to perform the Bidder / contractor`s Obligations within the time period stipulated in Notification of Award.
i) We understand that this Bid, together with your written acceptance thereof included in your Notification of Award, shall constitute a binding contract between us, until the Contract (attached as Part II to the Bidding Document) is executed.
j) We have not been blacklisted by any authority / entity and have not been involved in any investigation for fraud or corruption in or outside Pakistan. We are not involved in any bankruptcy or liquidation proceedings. We have not been engaged in any corrupt or fraudulent practices nor have any commissions or gratuities been or are to be paid by us to agents relating to this Bid and Contract's execution.
k) We are not participating, as a Bidder in more than one Bid in this Bidding Process in accordance with the requirements of the Bidding Document.
l) We, our affiliates or subsidiaries, including any Sub-Contractor for any part of the Bidder / contractor`s Obligations, have not been declared ineligible under the Procuring Agency's country laws or official regulations.
m) We agree to permit the Procuring Agency or its representative to inspect our accounts and records and other documents relating to the Bid submission and to have them audited by

auditors appointed by the Procuring Agency at its expense.

n) We hereby declare that all the information and statements made in this Bid are true and accept that any misrepresentation contained in it shall lead to our disqualification, forfeiture of the Bid Security and / or our blacklisting by the Procuring Agency.

o) We undertake, if our Bid is accepted, to furnish the Performance Guarantee **@ 2%** of total contract price for four years in shape of Bank Guarantee along with an additional Bank Guarantee (Security for Salary) as per the requirements of the Bidding Document and the Contract. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a Bid for the Bidder / contractor`s Obligations.

p) We understand that the Bidding Document has been issued by the Procuring Agency for the Project; and if our Bid is accepted, we shall execute the Contract for the Project as per the requirements of the Bidding Document.

(Unless otherwise specified, capitalized terms used herein shall have the same meaning given to them in the Bidding Documents).

Name ……...……

In the capacity of ……..

Signed ……...……

Duly authorized to sign the Bid for and on the behalf of …… (Name of Bidder)

Date …….

[Seal]

In the presence of

[***Name***]
[***Signature***]
[***Title***]

[***Name***]
[***Signature***]
[***Title***]

BIDDING FORM F2 – FIN FORM

PRICE SCHEDULE

Name of Tehsil	Total Bid Price for Four Years (PKR)
Cost of Services for Tehsil Faisalabad (Rural-II Areas)	
Total Bid Price for Four Years (In Words);	

Note: Total Bid Price shall be inclusive of all applicable / prevailing taxes, duties, charges and other obligations as per TORs/Scope of Services.

Stamp & Signature of Bidder _____

BIDDING FORM F3 – FORM OF PERFORMANCE GUARANTEE

BANK GUARANTEE

Guarantee No._____
Executed on _____
Expiry date _____

[Letter by the Bank to the Procuring Agency]
Name of Bank (Bank) with address:_____
Name of Principal (Bidder) with address: _____
Guaranteed Amount (express in words and figures):_____
Date of Bid _____

WHEREAS it has been stipulated by Procuring Agency in the Contract that the Contractor shall furnish you with a bank guarantee from a scheduled bank for the sum specified therein as guarantee for compliance with the Contractor's performance and obligations in accordance with the Contract;

AND WHEREAS we have agreed to furnish an unconditional Bank Guarantee in favor of the **Lahore Waste Management Company** (**"LWMC"**):

THEREFORE, WE hereby affirm that we are guarantor and responsible to LWMC, on behalf of the Contractor (_____), a total sum of _____(Amount of the guarantee in words and figures), and we undertake to pay you the same, upon your first written demand without cavil or argument.

This guarantee is valid until _____ day of _____, 202_, or satisfactory completion of contract, whichever is later. **This bank guarantee shall not be released in any case whatsoever without written consent/approval of Procuring Agency.**

[NAME OF GUARANTOR]

Signature_____

Name_____

Title _____

Address_____

Seal_____

BIDDING FORM F4 – FORM OF SECURITY FOR SALARY

BANK GUARANTEE

Guarantee No.: _____
Executed on: _____
Expiry Date: _____

[Letter by the Bank to the Procuring Agency]
Name of Bank (Bank) with address: _____
Name of Principal (Bidder) with address: _____
Guaranteed Amount (express in words and figures):_____
Date of Bid _____

The above premised, we, **[Name of Bank]** (the **"Bank"**), hereby undertake irrevocably and unconditionally, on demand, to pay to **LWMC / Suthra Punjab Agency Faisalabad (SPAF)** (the **"Procuring Agency"**), without any objection, question or delay and without any notice, reference or recourse to the Contractor or to any other entity, and without the necessity for any legal or judicial proceedings, and without any set-off, counterclaim or recourse to or reference to any document, Contract, instrument or deed, any sum or sums, or any part thereof, equivalent in aggregate up to but not exceeding a maximum amount of:

PKR [●] [●]/-
(Pakistani Rupees [●] [●] only)
(the **"Guaranteed Amount"**)

at sight and immediately upon receipt of the Procuring Agency's first written demand (the **"Demand"**) at the Bank's offices located at **[●]**, or through SWIFT instructions transmitted by the Procuring Agency's bank, i.e. **[●]**, on behalf of the Procuring Agency, to the Bank.

Such Demand shall state:

a) that the Contractor has failed to discharge its salary payment obligations towards the eligible sanitary workers deployed under the Contract; and/or

b) that the Contractor has failed to provide, maintain, replenish, renew or restore the Security for Salary as required under the Contract; and

c) the total amount demanded.

The Bank shall not be entitled to require the Procuring Agency to provide any evidence, proof, judgment, award, determination or other document establishing the Contractor's default or liability as a condition for payment under this Bank Guarantee.

A Demand shall only be honoured by us:

(i) in the case of a written Demand, if it is made by and bears the signature of an authorized officer or other representative of the Procuring Agency; or

(ii) in the case of a Demand transmitted through SWIFT, if it is transmitted through authenticated SWIFT instructions by the Procuring Agency's bank, i.e. **[●]**, on behalf of the Procuring Agency.

We, the Bank, shall unconditionally honour a Demand hereunder made in compliance with this Bank Guarantee at sight and immediately on the date of receipt of such Demand and shall transfer the amount specified in the Demand to the bank account notified in the Demand, in immediately available and freely transferable funds in the currency of this Bank Guarantee, free and clear of and without any set-off or deduction for or on account of any present or future taxes, levies, imposts, duties, charges, fees, deductions or withholdings of any nature whatsoever and by whomsoever imposed.

PURPOSE AND APPLICATION OF SECURITY

This Bank Guarantee is furnished by the Contractor as **Security for Salary** in accordance with the Section-III of the Bidding Document / Conditions of the Contract and is intended to secure the Contractor's obligations relating to timely payment of salaries to eligible workers (sanitation staff) deployed under the Contract.

The Procuring Agency shall be entitled to make a Demand under this Bank Guarantee, in whole or in part, where the Contractor fails to pay the salaries of eligible workers (sanitation staff) **on or before the 5th day of any month**, or otherwise fails to discharge its salary-related obligations in accordance with the Contract.

The Procuring Agency may, following encashment of this Bank Guarantee, use the amount received from the Bank to make direct salary payments to eligible workers (sanitation staff) or for any other salary-related payment expressly permitted under the Contract.

Any amount paid by the Procuring Agency from the proceeds of this Bank Guarantee shall be recoverable from the Contractor to the extent that such amount exceeds the Contractor's entitlement or is otherwise recoverable under the Contract.

REPLENISHMENT OF SECURITY

The Contractor's obligations under the Contract to maintain the Security for Salary at the prescribed amount shall not be discharged by any Demand or payment made under this Bank Guarantee.

Following any payment under this Bank Guarantee, the Contractor shall, within the period prescribed by the Procuring Agency, **replenish or restore the Security for Salary to the full amount required under the Contract**.

Failure of the Contractor to replenish or restore the Security for Salary within the prescribed period shall constitute a material breach and an event of default under the Contract and may entitle the Procuring Agency to terminate the Contract in accordance with its terms.

General Terms & Conditions

Upon expiry, this Bank Guarantee shall be returned to the Bidder without undue delay.

This Bank Guarantee shall remain valid throughout the Contract Period and until the date specified by the Procuring Agency, provided that the Bank's maximum liability shall not exceed the Guaranteed Amount.

The Contractor shall ensure that this Bank Guarantee is renewed or extended before its expiry whenever required under the Contract. Failure to renew or extend the Bank Guarantee within the period prescribed by the Procuring Agency shall constitute a failure to maintain the Security for Salary and shall be dealt with in accordance with the Contract.

The Guaranteed Amount shall be revised upon receipt by us of a notice duly signed by the Procuring Agency and the Bidder of the revised guaranteed amount.

We hereby agree that any amendment, renewal, extension, modification, compromise, release or discharge by mutual Contract by the Procuring Agency, the Bidder or any other entity of any document, Contract, instrument or deed shall not in any way impair or affect our liabilities hereunder and maybe undertaken without notice to us and without the necessity for any additional endorsement, consent or guarantee by us.

This Bank Guarantee for its validity period shall not be affected in any manner by any change in our constitution or of the Bidder's constitution or of their successors and assignees and this Bank Guarantee shall be legally valid, enforceable and binding on each of their successors and permitted assignees.

The obligations of the Bank for the payment of the Guaranteed Amount, are absolute irrespective of the insolvency, bankruptcy, reorganization, dissolution and / or liquidation of the Bidder or occurrence of an event of Force Majeure such as (but not limited to) acts of God, riots, pandemics, civil commotions, insurrections, wars, strikes or lockouts, relating to the Bidder or the Bank or occurrence of any other causes beyond the control or the Bidder or the Bank or any other act or omission by Procuring Agency or occurrence of any event which but for this provision or any other provision of this Guarantee might exonerate or discharge or release Bank's liability hereunder.

The Bank agrees that their liability to Procuring Agency hereunder shall not be affected, reduced and/or extinguished by any disputes between the Bidder and Procuring Agency or by the existence of any litigation or arbitration between the Bidder and Procuring Agency.

The Bank represents and undertakes that the Bank has full power, authority, and legal right to incur obligations under, and to exercise and deliver, and to perform and observe the terms and provisions of this Guarantee and that the Bank has complied with all necessary regulations with respect to the issuance of this Guarantee and this Guarantee constitutes a valid and binding obligation on the Bank's part, enforced in accordance with the terms hereof.

In the event that the Bank fails to make payment to Procuring Agency of the full amount of any of its demands upon receipt of the first simple demand by Procuring Agency (or at the latest by close of business hours on the day of such demand), the Bank will become liable to Procuring Agency and shall make payment to Procuring Agency of an additional amount (in addition to the amount of Procuring Agency's demand) equivalent to the Interbank Offered Rate (at the Offer rate) plus 5% per annum of the amount of Procuring Agency's demand pro rata for each day the amount is not paid by the Bank from the day of the receipt of the demand, together with all costs and expenses incurred by Procuring Agency (including legal costs) for

effecting recovery from the Bank.
All references to any contract, Contract, deed or other instruments or documents are by way of reference only and shall not affect our obligations to make payment under the terms of this Bank Guarantee.

If one or more of the provisions of this Bank Guarantee are held or found to be invalid, illegal, or unenforceable for any reason whatsoever, in any respect, any such invalidity, illegality, or unenforceability of any provision shall not affect the validity of the remaining provisions of this Bank Guarantee.

We hereby declare and confirm that under our constitution and applicable laws and regulations, we have the necessary power and authority, and all necessary authorizations, approvals and consents thereunder to enter into, execute, deliver and perform the obligations we have undertaken under this Bank Guarantee, which obligations are valid and legally binding on and enforceable against us under the laws of Pakistan and under the laws of the jurisdiction where this Bank Guarantee is issued. Further, that the signatory (ies) to this Bank Guarantee is / are our duly authorized officer(s) to execute this Bank Guarantee.

This Bank Guarantee and all rights and obligations arising from this Bank Guarantee shall be governed and construed in all respects in accordance with the laws of Pakistan. The courts in Pakistan shall have exclusive jurisdiction in respect of any dispute relating to any matter contained herein.

The issuance of this Bank Guarantee is permitted according to the laws of Pakistan and the laws of the jurisdiction where this Bank Guarantee is issued.

This Bank Guarantee is subject to the Uniform Rules for Demand Guarantee, ICC Publication No.758.

Name: …….

Designation: ……

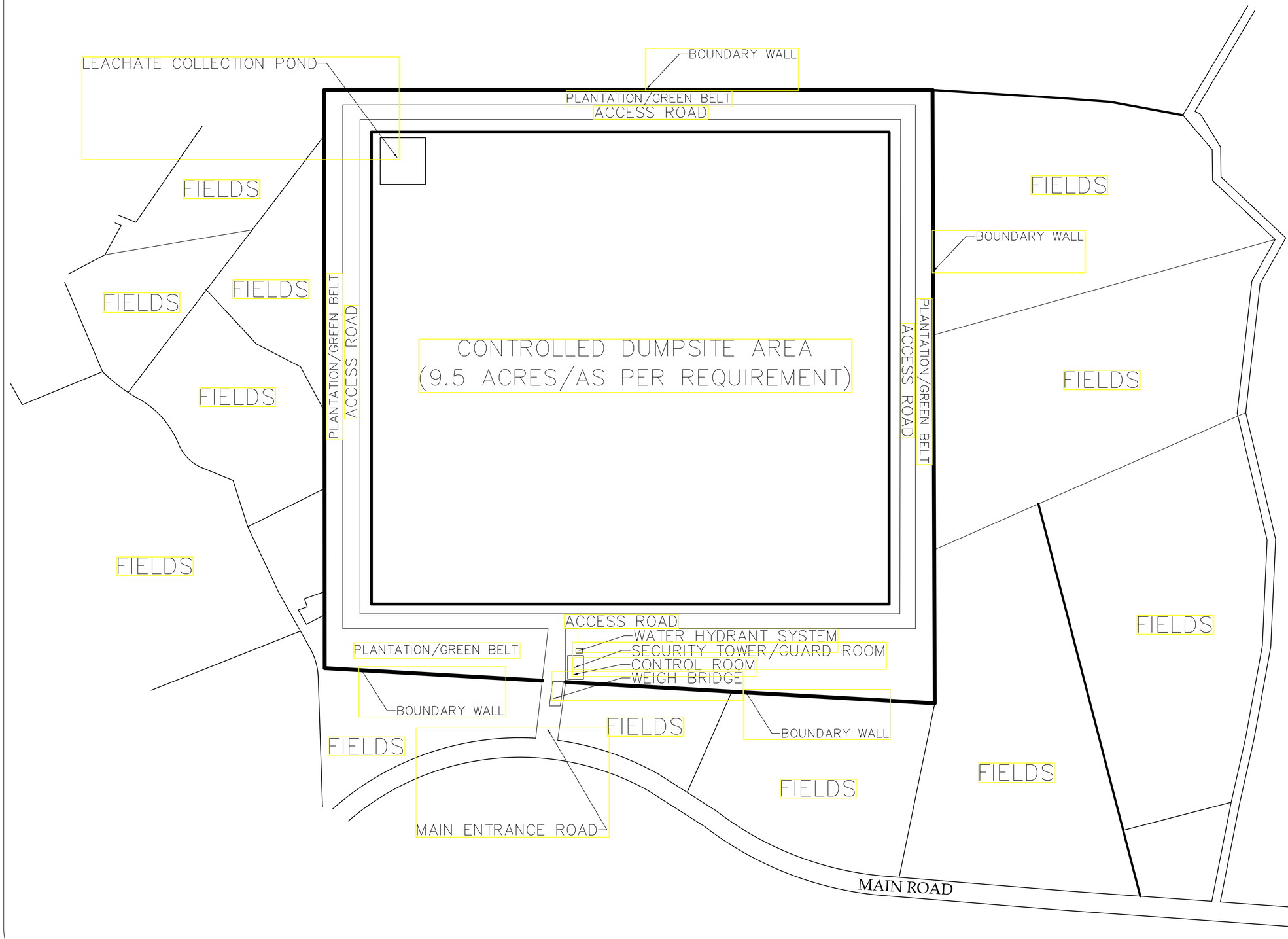
Section IX- Check List

[To be signed and stamped and presented on Bidder's letter head pad]

The provision of this checklist is essential prerequisite along with submission of tenders (with technical proposal).

Sr. #	Detail	Yes	No
1	Bidding Document duly signed and stamped by authorized Person along with Technical Bid/Proposal.		
2	**1%** Bid Security of total estimated price. The Bid security must be submitted with Technical Bid.		
3	All documents required as per the Mandatory Criteria.		
4	All documents required as per the Technical Evaluation Criteria.		
5	All documents required as per the TORs / Scope of Services.		
6	Forms (as per **Section VIII** of Bidding documents) on letter head of the bidder duly signed and stamped and on the non-judicial stamp paper duly attested by Oath Commissioner / Notary Public (where applicable).		

Stamp & Signature of Bidder _____



General Notes

THE ACTUAL ARRANGEMENT OF SITE COMPONENTS (i.e. LOCATION FOR WEIGH BRIDGE ,CONTROL ROOM/GUARD ROOM, FIRE HYDRANT, LEACHATE COLLECTION POND ETC.) MAY VARY AS PER ACTUAL SITE CONDITIONS/ REQUIREMENT.

DRAWN BY:
P&P DEPARTMENT,LWMC

CHECKED BY :

APPROVED BY :

No.	Revision/Issue	Date

Firm Name and Address

LAHORE WASTE MANAGEMENT COMPANY, 4th FLOOR ,SHAHEEN COMPLEX,EGERTON ROAD LAHORE.

Project Name and Address

TYPICAL LAYOUT OF CONTROLLED DUMPSITE .

Project

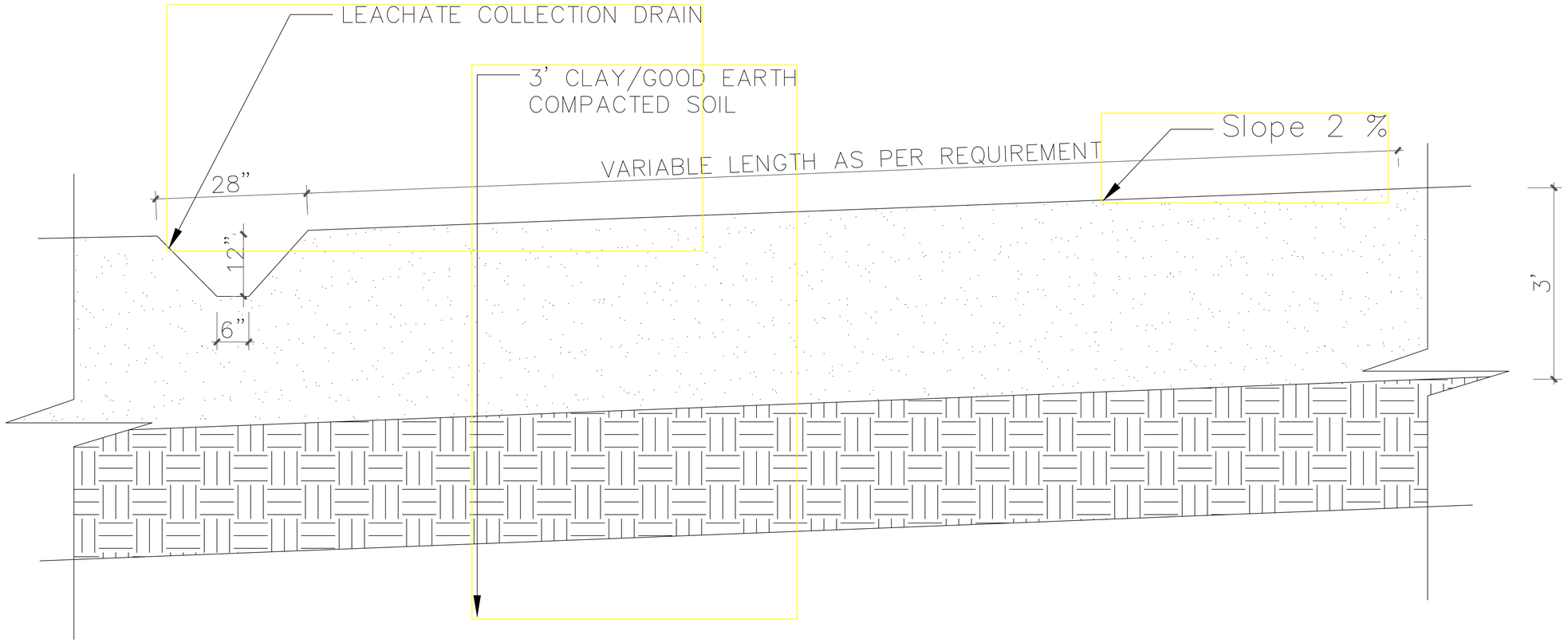
Date

Scale

Sheet

01/03

A.H.K



SECTION A–A

General Notes

Technical Details of Clay

1. Liner material should be compacted in layers not exceeding 6"(150mm).
2. Compaction must be *at least 95% of the maximum modified Proctor dry density complying ASTM D1557*.
3. Liner material should be compacted slightly wet of optimum.
4. Scrap the top of the already compacted liner layer to a minimum depth of 1.0 inch before placing the next layer.
5. Clods more then 5.0 mm size must be present in liner material, these must be pulverized (Make into a powder by breaking up or cause to become dust) before placing.
6. The coefficient of permeability of liner material in compacted state should not be more than 1 x 10–7 cm/sec.
7. Total thickness of clay liner must be 3 ft.

DRAWN BY:
P&P DEPARTMENT,LWMC

CHECKED BY :

APPROVED BY :

No.	Revision/Issue	Date

Firm Name and Address

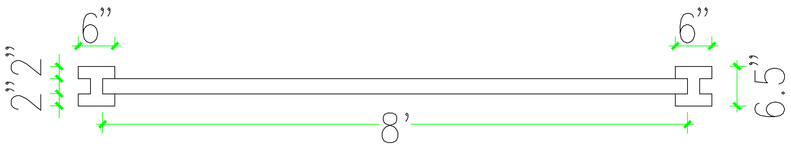
LAHORE WASTE MANAGEMENT COMPANY, 4th FLOOR ,SHAHEEN COMPLEX,EGERTON ROAD LAHORE.

Project Name and Address

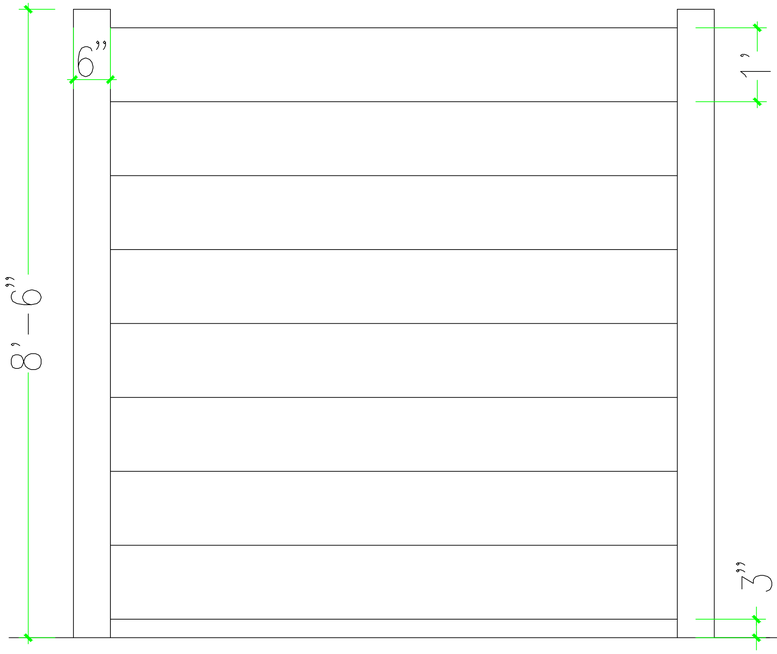
TYPICAL X-SECTION DESIGN OF CONTROLLED DUMPSITE.

Project	Sheet
Date	02/03
Scale	

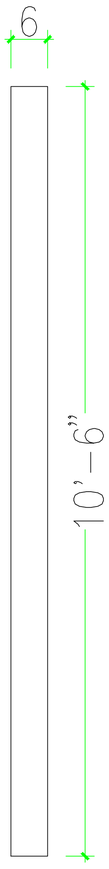
A.H.K

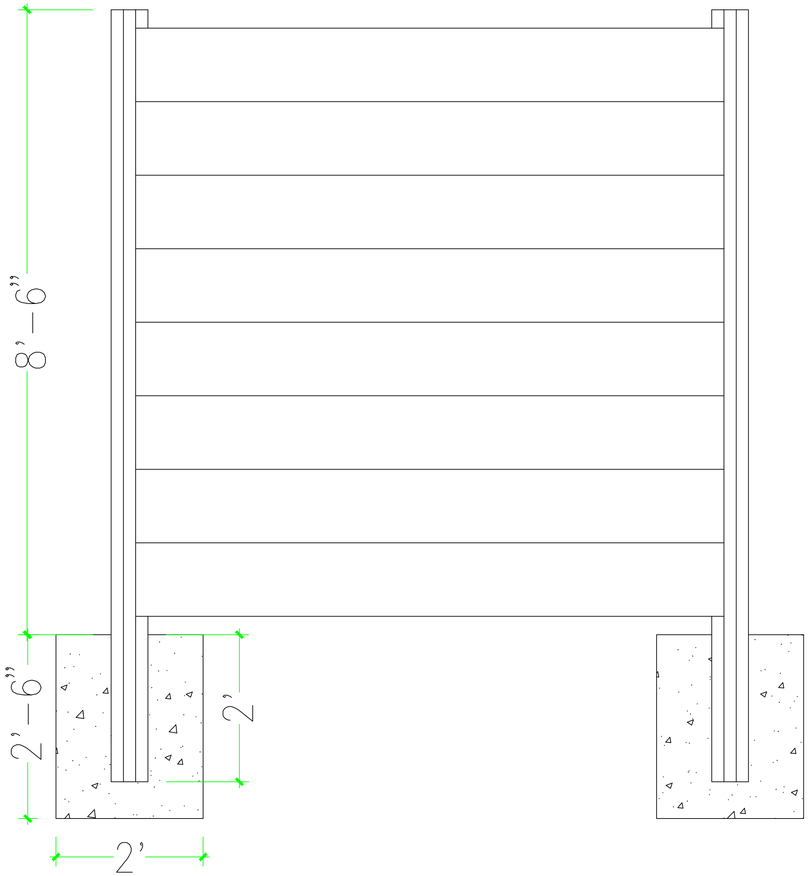


PLAN

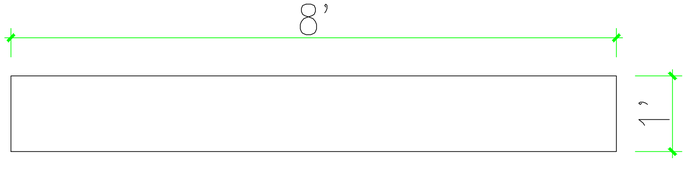


ELEVATION



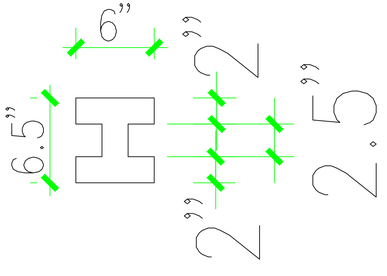


SECTION A-A

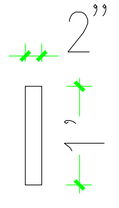


SLAB

COLUMN



COLUMN SECTION



SLAB SECTION

General Notes

DRAWN BY:
P&P DEPARTMENT,LWMC

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No.	Revision/Issue	Date

Firm Name and Address

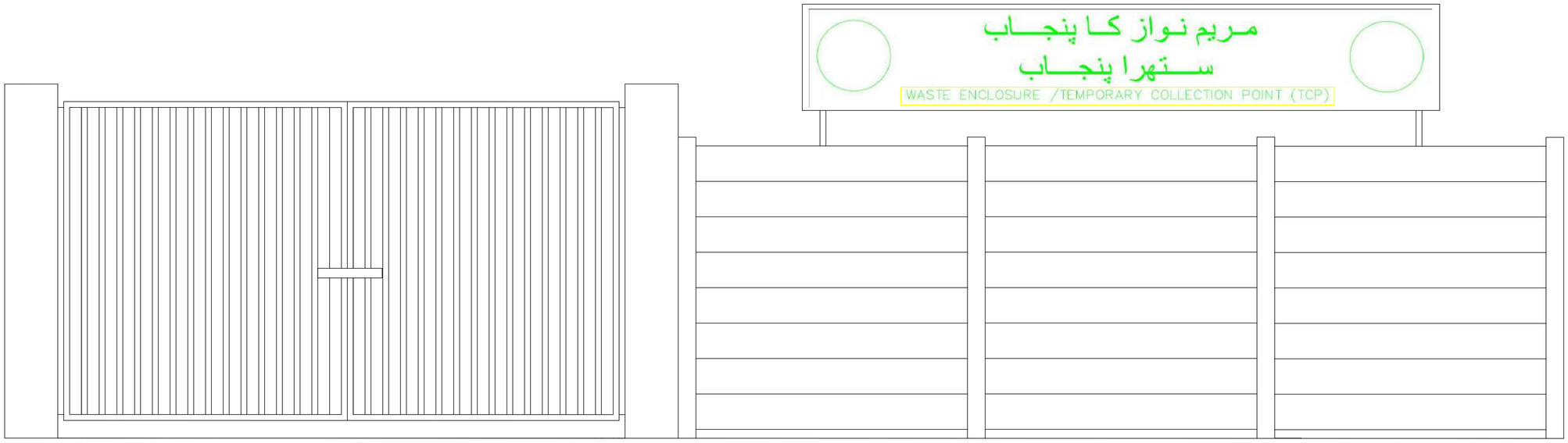
LAHORE WASTE MANAGEMENT COMPANY, 4th FLOOR ,SHAHEEN COMPLEX,EGERTON ROAD LAHORE.

Project Name and Address

TYPICAL DESIGN OF PRE-CAST BOUNDARY WALL FOR CONTROLLED DUMPSITE .

Project	Sheet
Date	03/03
Scale	

A.H.K



ELEVATION

General Notes

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Firm Name and Address

LAHORE WASTE MANAGEMENT COMPANY, 4th FLOOR ,SHAHEEN COMPLEX,EGERTON ROAD LAHORE.

Project Name and Address

TYPICAL DESIGN OF WASTE ENCLOSURE/ TEMPORARY COLLECTION POINT (TCP) .

Project

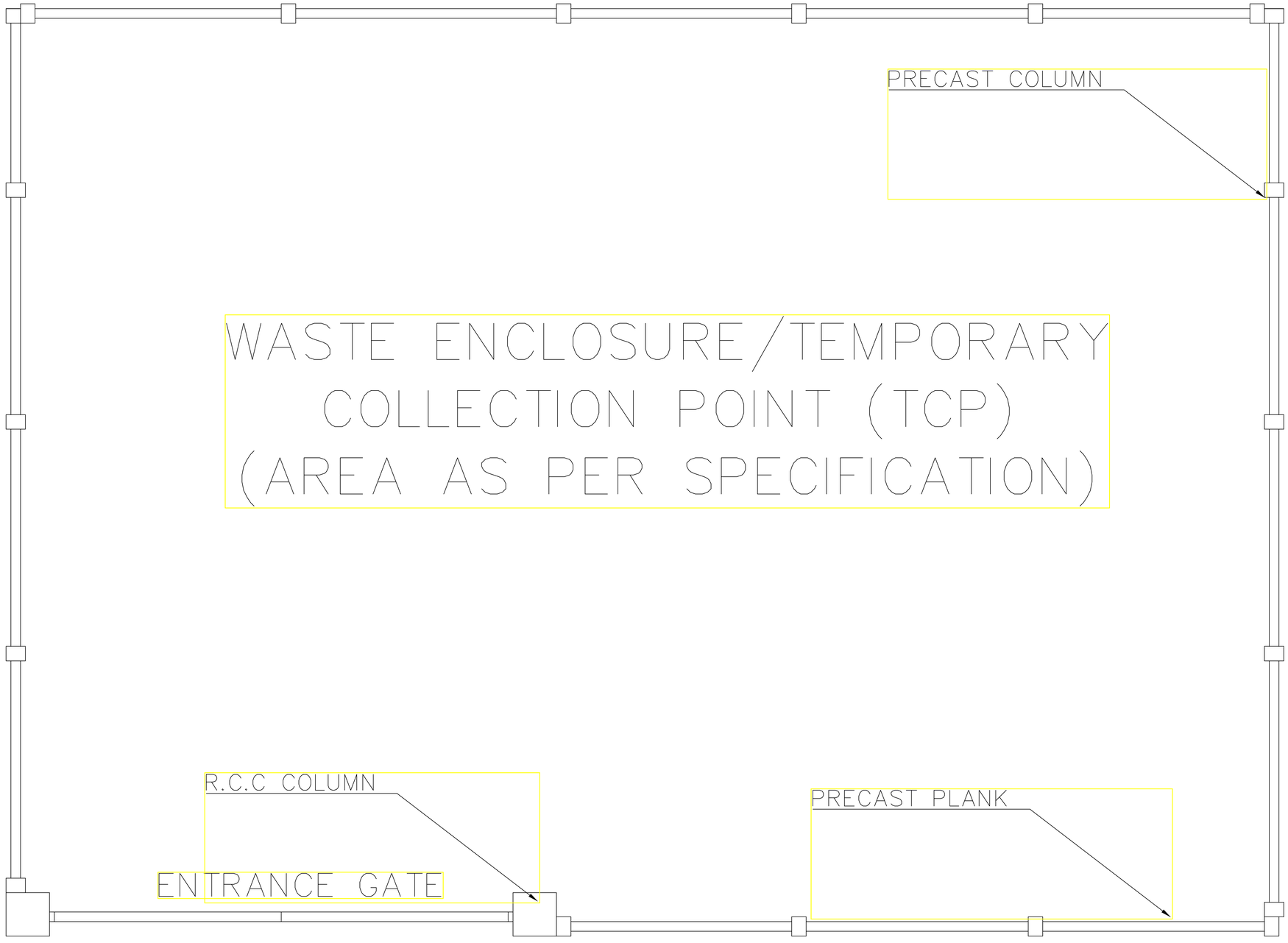
Date

Scale

Sheet

01/04

A.H.K



PLAN

General Notes

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APPROVED BY :

No.	Revision/Issue	Date

Firm Name and Address

LAHORE WASTE MANAGEMENT COMPANY, 4th FLOOR ,SHAHEEN COMPLEX,EGERTON ROAD LAHORE.

Project Name and Address

TYPICAL DESIGN OF WASTE ENCLOSURE/ TEMPORARY COLLECTION POINT (TCP) .

Project

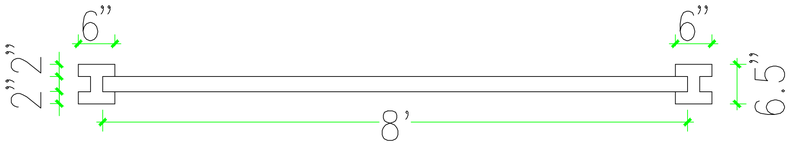
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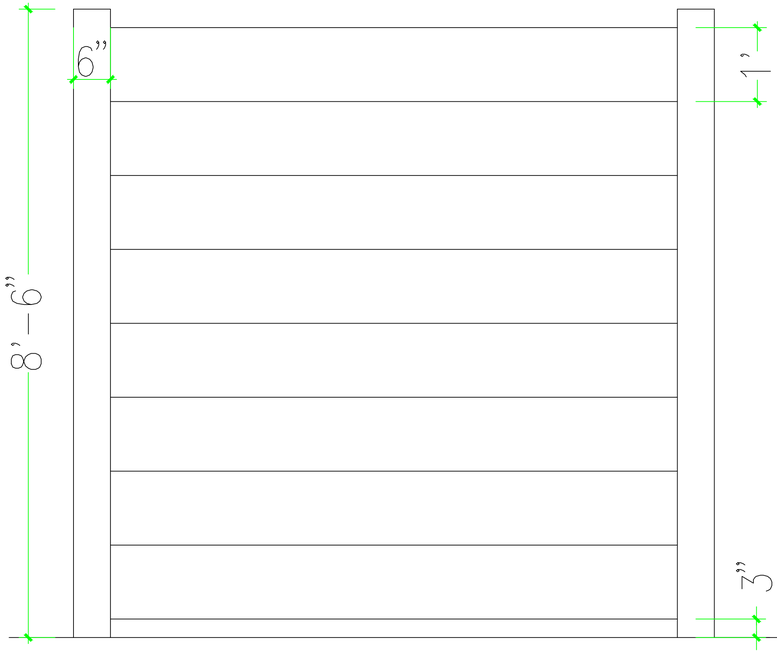
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02/04

A.H.K

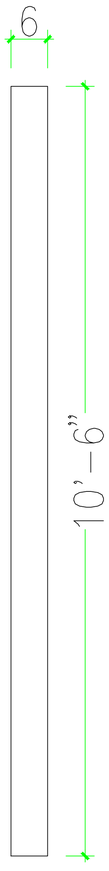


PLAN

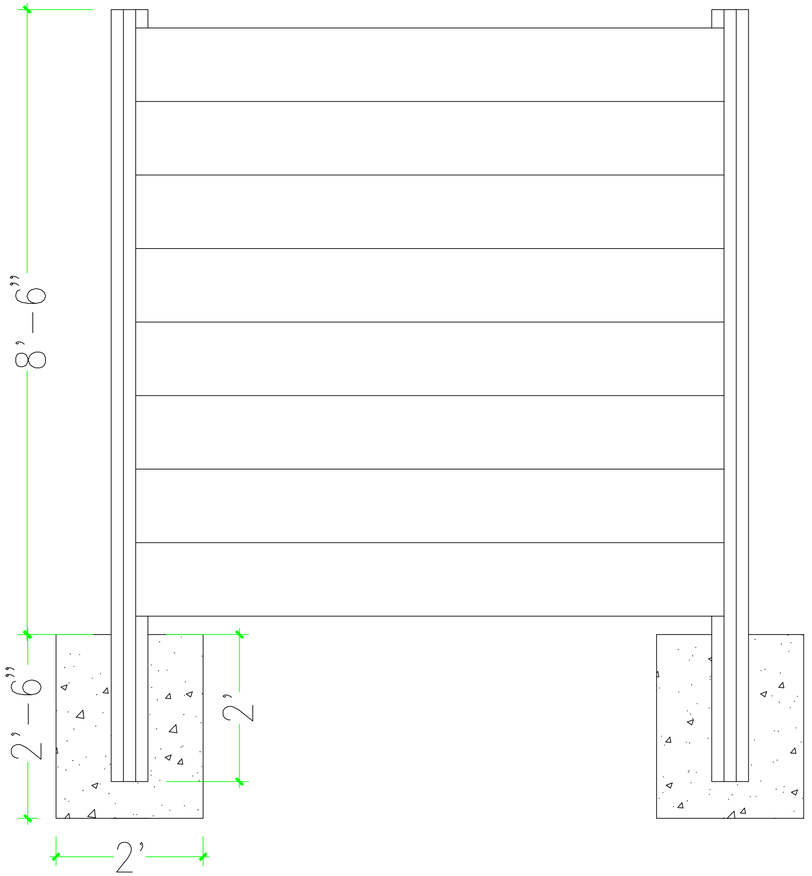


ELEVATION

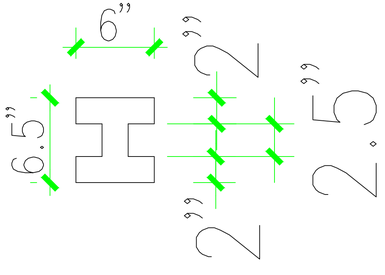
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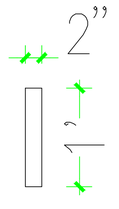
COLUMN



SECTION A-A



COLUMN SECTION



SLAB SECTION

General Notes

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No.	Revision/Issue	Date

Firm Name and Address

LAHORE WASTE MANAGEMENT COMPANY, 4th FLOOR ,SHAHEEN COMPLEX,EGERTON ROAD LAHORE.

Project Name and Address

TYPICAL DESIGN OF PRE-CAST BOUNDARY WALL FOR WASTE ENCLOSURE/ TEMPORARY COLLECTION POINT (TCP) .

Project

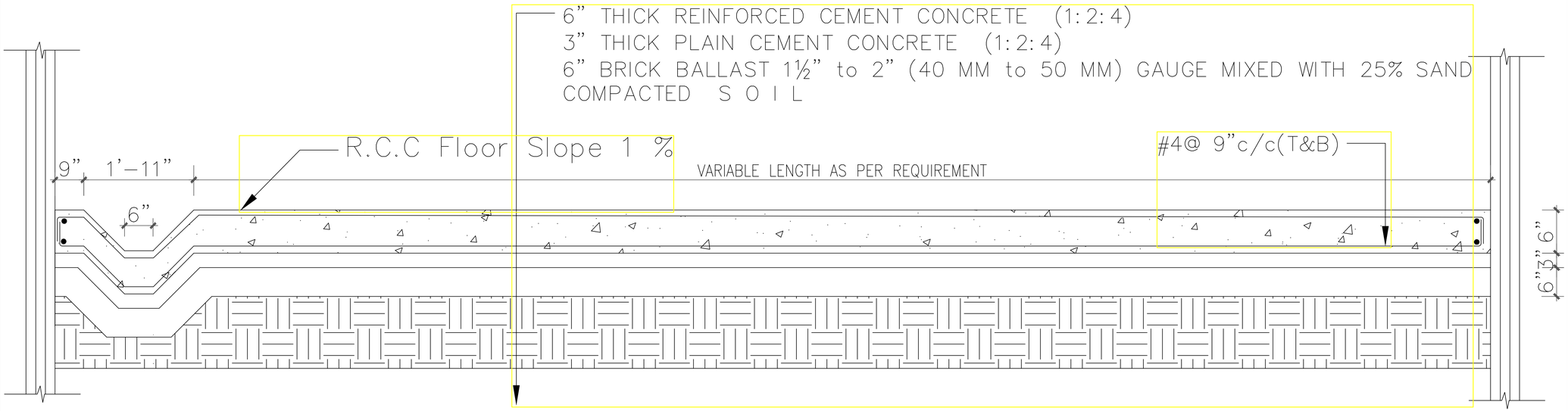
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Scale

Sheet

03/04

A.H.K



SECTION A–A

General Notes

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No.	Revision/Issue	Date

Firm Name and Address

LAHORE WASTE MANAGEMENT COMPANY, 4th FLOOR ,SHAHEEN COMPLEX,EGERTON ROAD LAHORE.

Project Name and Address

TYPICAL DETAIL OF R.C.C FLOOR AND DRAIN X-SECTION FOR WASTE ENCLOSURE/ TEMPORARY COLLECTION POINT (TCP).

Project	Sheet
Date	04/04
Scale	

A.H.K

DUMP TRUCK 5M3



Sr.	Item	Description
TRUCK CHASSIS:		
1	**Origin**	Origin Europe/USA/Japan Assembled in Pakistan
2	**Type**	RHD, 4x2
3	**GVW**	8900 ~ 9000 kg
4	**Engine**	**Type:** 4 stroke-cycle, water cooled direct injection diesel engine with turbocharger & intercooler. **Power:** 135 ~ 145 PS **Torque:** 35 ~ 45 kgf.m **Displacement:** 3900 ~ 4100 cc
	Emission Standard	**Euro-II** minimum
5	**Clutch**	300 mm, Hydraulic control, diaphragm spring, single dry plate.
6	**Transmission**	5 ~ 6 Forward & 1 Reverse OD transmission
7	**Axle**	**Front:** Reverse Elliot "I" beam. **Rear:** Full floating type.
8	**Brakes**	**Service:** Hydraulic with vacuum servo assistance, dual circuit. **Exhaust:** Vacuum operated, butterfly valve type. **Parking:** Internal expanding type on propeller shaft at rear of transmission.
9	**Dimensions**	**Wheelbase:** 3800 ~ 3900 mm **Width:** 1950 ~ 2000 mm **Length:** 6700 ~ 6750 mm **Height:** 2200 ~ 2250 mm **Ground Clearance:** 200 ~ 220 mm
10	**Electrical**	**Batteries:** 2 x 12 V, 65 AH. **Alternator:** 24 V, 50 Amp
11	**Steering**	Ball-nut type with integral type hydraulic power booster. Telescopic and tilt steering column with steering lock.
12	**Suspension (Front & Rear)**	Semi-elliptic, laminated leaf springs, hydraulic double acting telescopic type shock absorbers on front & rear axles.
13	**Wheels & Tires**	**Tire Size:** 7.50-16-14 PR **Nos. of Tires:** 7 including spare wheel.
14	**Fuel Tank Capacity**	100 liters

SUPERSTRUCTURE

Dump Truck 5 M3 Capacity with following specifications:

Description	Requirement
CONSTRUCTION	Mild Steel body constructed from following thickness sheets with appropriate type of strengthen. Tail gate to open automatically for dumping. Body Sides: 4 mm Body Floor: 5 mm Body Front: 5 mm Tail Gate: 4 mm Sub & Lift Frame: 8 mm
Volume	5 M3
Hydraulic Pump	50 ~ 55 rev. Piston type. Max. Continues pressure 350 bars. Type close couple with PTO. (Origin Europe/USA/Japan/Turkey/China or equivalent).
PTO	PTO will be according to the chassis. (Origin Europe/USA/Japan/Turkey/China or equivalent).
Lifting Scissor	Tentuski type locally manufactured.
Lifting capacity	4 Tons
Hydraulic Cylinder	Under Body Type imported Honed tubes and chromed Rod., Locally assembled.
Operative Control	Solenoid control valve operated from cabin. (Origin Europe/USA/Japan/Turkey/China or equivalent).
Oil Reservoir	With level & temperature gauge Tank Capacity 50 Liters
Filters	On line return filter Breather cap with strainer (Origin Europe/USA/Japan/Turkey/China or equivalent).
Paint	The internal and external surface will be painted free from Rust and Oil Residue. One coats of anti-rust primer base two coats of final paint done with synthetic Enamel. Color of Paint and the Branding / Marking will be done as per customer choice.

DUMP TRUCK 10M3 CAPACITY



Sr.	Item	Description
TRUCK CHASSIS:		
1	**Origin**	Origin Europe/USA/Japan Assembled in Pakistan
2	**Type**	RHD, 4x2
3	**GVW**	18000 kg Minimum
4	**Engine**	**Type:** 4 stroke Water cooled direct injection turbo charged with intercooler, diesel engine – Common rail. **HP:** 235 ~ 240 PS **Torque:** 72~74 kgf.m **Displacement:** 7500 ~ 7700 cc
5	**Emission Standard**	**Euro-II Minimum**
6	**Clutch**	Size 380 mm. Hydraulic, Coil spring type, single dry plate with air pressure assistance.
7	**Transmission**	6 Forward & 1 Reverse.
8	**Axle**	**Front:** Reverse Elliot "I" beam. **Rear:** Full floating type.
9	**Brakes**	**Service:** Air over hydraulic with dual circuit. **Parking:** Internal expanding on propeller shaft. **Auxiliary:** Exhaust Brake.
10	**Dimensions**	**Wheelbase:** 4600 ~ 4650 mm **Overall Width:** 2450 ~ 2500 mm **Overall Length:** 8000 ~ 8050 mm **Overall Height:** 2650 ~ 2700 mm **Road Clearance:** 250 ~ 270 mm
11	**Electrical**	**Batteries:** 2 x 12 V
12	**Suspension (Front & Rear)**	**Front:** Semi-elliptic leaf springs with shock absorbers. **Rear:** Semi-elliptic main and auxiliary leaf springs
13	**Wheels & Tires**	**Size:** 10.00 ~ 11.00 R20 **Nos. of Tires:** 7 including spare wheel.
14	**Fuel Tank Capacity**	400 liters

Description	Requirement
Volume	10 M3
CONSTRUCTION	Mild Steel body constructed from following thickness sheets with appropriate type of strengthen. Tail gate to open automatically for dumping and locked during travelling. Body Sides: 4.00 mm Body Floor: 8.00 mm Body Front: 4.00 mm Tail Gate: 4.00 mm Sub & Lift Frame: 10.00 mm Reinforcement Channels: 4.00 mm The material of body shall be JIS SS 400 grade steel
PTO	PTO will be according to the chassis. Origin Europe/USA/Japan/Turkey/China or equivalent
Pump Type	Rotary Piston Type with close couple arrangement. Origin Europe/USA/Japan/Turkey/China or equivalent
Pump Flow	60 cc/rev.
Max. continues Pressure	300 bars
Lifting Scissor	Tentuski type scissor locally manufactured.
Lifting capacity	8 ~ 10 Ton
Hydraulic Cylinder	Under Body Hydraulic Cylinder Made from Honed Pipe & Chromed Rod with suitable size locally assembled.
Operating Control	Joy stick type, operating from inside cabin, pneumatically operated, with auto PTO OFF when closing. Origin Europe/USA/Japan/Turkey/China or equivalent
Mechanical Breaking	Mechanical breaking arrangements to avoid pressure when full dumping to avoid free falling of body during closing for safe operations.
Oil Reservoir	With level & temperature gauge Tank Capacity 60 Liters
Filters	On line return filter Suction Filter Breather cap Origin Europe/USA/Japan/Turkey/China or equivalent
Painting	The internal and external surface will be painted free from Rust and Oil Residue. One coats of anti-rust primer base two coats of final paint done with synthetic Enamel. Color of Paint and the Branding / Marking will be done as per customer choice.

TRUCK MOUNTED VAUUM SWEEPER 5 M3



**The above photos are only for illustration purpose, the original product may be different.

Sr.	Item	Description
TRUCK CHASSIS:		
1	**Origin**	Origin Europe/USA/Japan Assembled in Pakistan
2	**Type**	RHD, 4x2
3	**GVW**	8900 ~ 9000 kg
4	**Engine**	**Type:** 4 stroke-cycle, water cooled direct injection diesel engine with turbocharger & intercooler. **Power:** 130 ~ 145 PS **Torque:** 35 ~ 45 kgf.m **Displacement:** 3900 ~ 4100 cc
	Emission Standard	**Euro-II** minimum
5	**Clutch**	300 mm, Hydraulic control, diaphragm spring, single dry plate.
6	**Transmission**	5 ~ 6 Forward & 1 Reverse OD transmission
7	**Axle**	**Front:** Reverse Elliot "I" beam. **Rear:** Full floating type.
8	**Brakes**	**Service:** Hydraulic with vacuum servo assistance, dual circuit. **Exhaust:** Vacuum operated, butterfly valve type. **Parking:** Internal expanding type on propeller shaft at rear of transmission.
9	**Dimensions**	**Wheelbase:** 3800 ~ 3900 mm **Width:** 1950 ~ 2050 mm **Length:** 6700 ~ 6750 mm **Height:** 2200 ~ 2250 mm **Ground Clearance:** 210 ~ 220 mm
10	**Electrical**	**Batteries:** 2 x 12 V, 65 AH. **Alternator:** 24 V, 50 Amp
11	**Steering**	Ball-nut type with integral type hydraulic power booster. Telescopic and tilt steering column with steering lock.
12	**Suspension (Front & Rear)**	Semi-elliptic, laminated leaf springs, hydraulic double acting telescopic type shock absorbers on front & rear axles.
13	**Wheels & Tires**	**Tire Size:** 7.50-16-14 PR **Nos. of Tires:** 7 including spare wheel.
14	**Fuel Tank Capacity**	100 liters

SUPERSTRUCTURE

	Mechanical Sweeper	The road sweeper unit is truck mounted having dust tank capacity of 5,000 liters and water tank capacity of 1,000 liters. The sweeping system will operate through an auxiliary engine. Sweeping devices be installed at suitable place. Vacuum suction device be installed at rear of truck for suctioning of dust and avoid pollution. The sweeping device be able to retract manually when blocked to protect the device from damage during operation.
		The road sweeper have features of wide sweeping, efficient suctioning and easy maintenance. The water tank material is stainless steel to prevent corrosion.
		The sweeper is able to avoid raising dust and spreading dust pollution during operation.
	SUPERSTRUCTURE	
1	**General**	The controls provided in cabin, vacuum at both sides be provided.
2	**Auxiliary Engine**	4 cylinder, 75 HP or above Diesel engine will be provided suitable to operate the sweeping without overloading.
		The air inlet of the suction filter of the engine be located to avoid suction of dusty air.
		There will be a fan cowling, which covers the engine and fan during operation. It will be an integral part of the body and can be raised with the body to enable easy access to the engine and the fan.
		The fan have multi-vane and self- cleaning type impeller. It will be driven by the auxiliary engine.
		The fan will produce 14000 ~ 15000 m3/h flow rate.
		It will create a powerful suction to suck stones of at least 0.5 kg. This drive will work continuously without any overheating problems and loss of power in the transmission.
3	**Garbage Tank**	Volumetric capacity of garbage tank is 5.0 m3.
		The floor of garbage tank be manufactured from Stainless Steel.
		Rear gate of garbage tank be closed from outside the cabin (button is near the rear gate) to avoid the possibility of any accidents.
		Telescopic cylinder will be used in order to lift the garbage tank
4	**Water Tank**	The water tank be manufactured from Stainless Steel and integral with the waste tank.
		The water tank have a volume of 1,000 liters.
		There is a water level indicator.

		A water hose 10 m, of suitable diameter be provided near the rear door to properly wash inside of the tank.
5	**Brushes**	Sweeping will be performed by means of minimum three brushes i.e. two-disc brushes, one located on each side, and a third cylindrical middle brush.
		Sweeping width will be about 2000 ~ 2,500 mm, when any of the side brushes and the middle brush are operated together.
		The side brushes have diameter of 700 mm and the tip and tines be made of steel.
		The side brushes will be equipped with a kick-back protection mechanism and the pressure exerted by the brush on the ground be pneumatically adjustable.
		Side brushes be operated automatically with the middle brush.
		The brushes be raised and lowered by a pneumatic cylinder.
		The middle brush have a diameter of 400~450 mm and polypropylene tines.
		The middle brush will be 1200 ~ 1400 mm long.
		The pressure applied by the brush on the road is adjustable.
		The brush will automatically turn to the side swept.
		The middle brush will be specially designed to avoid conical wearing.
6	**Suction Unit**	The suction nozzle lined with rubber to avoid wear.
		It will be carried by a couple of castor wheels and shall feature increasing the gap to the ground by driver's control.
7	**Water Spray System**	A water pump driven by hydraulic system be provided.
		Filter of suitable mesh shall be provided in suction line of water pump.
		Flow rate of spray system is adjustable.
		All pumps, tubes, valves, fittings, filters and other equipment on waterways of spray system is of corrosion-resistant materials
		Irrigation modules provided at side (flank) brush, middle brush and vacuum suction nozzle. Flow balance arranged on each section through a valve that has been set up on truck.
		Spray system is able to change its direction during the right or left side sweeping via automatic pneumatic valves which fixed on the vehicle.
8	**Electrical System**	The sweeper have a 12 / 24 Volt, 130~135 Ampere-hour battery, 2 units of flashlights at the rear-bottom sides of the body and 2 beacons at the rear top side of the body.
		For safety there is a main switch closing all electrical circuits on the superstructure when necessary.

9	**Control Panel**	A control panel to control operations of the sweeper be provided in the driver's cabin.
12	**Lights**	Two (2) Standard revolving beacon on roof back side of vehicle; yellow
13	**Paint and Labelling**	The internal and external surface will be painted free from Rust and Oil Residue. One coats of anti-rust primer base two coats of final paint done with synthetic Enamel. Color of Paint and the Branding / Marking will be done as per customer choice..

3-WHEEL TIPPER





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SPECIFICATIONS

CHASSIS		
1	Chassis	3-Wheel Rickshaw, steel ladder frame structure. Driver seat in center.
2	Engine	4-stroke, petrol, water cooled, minimum 200cc
3	Fuel	Petrol
4	Transmission	Manual with one reverse gear
5	Break	Front and Rear
SUPERSTRUCTURE		
1	Tipper Volume	1 Cubic Meter
2	Body Fabrication	Mild Steel Fabrication
3	Loading Capacity	700~800 kg
4	Paint	All Steel part surfaces free from Rust and Oil Residue. One coats of Red Oxide and two coats of final paint done with synthetic Enamel Paint.
HYDRAULIC SYATEM		
1	Hydraulic Power Pack	Imported Hydraulic Power Pack 12 V, minimum 1.5 KW, 2.1 cc/rev. 8 ~ 10 Liter Tank. Origin Europe/USA/Japan/Turkey/China or equivalent
2	Control Valves	Imported Control Valves 12 Volt, Max. Pressure 150 bar or above, for control of hydraulic operations with built-in safety valve
3	Pressures	150 Bars or above
4	Hydraulic Hoses	Double Braided hydraulic hoses with working Pressure 300 bar.
HYDRAULIC CYLINDERS		
1	Lifting Cylinders	Single Double Acting Hydraulic Cylinders locally assembled made from Imported Hard Chromed Rods and Honed Tubes. Hydraulic Seals for efficient and long life of the cylinders.
2	Stabilizing Cylinders / Outriggers	2 Nos. Double Acting Hydraulic Cylinders locally assembled made from Imported Hard Chromed Rods and Honed Tubes. Hydraulic Seals for efficient and long life of the cylinders.
3	Electrical System	12 Volt Electrical System. Weather Proof Control Panel with high quality switches. double action tipping operation.

SPECIFICATIONS OF 0.8 M^3 CONTAINER (OPEN TYPE) WITHOUT TOP LID



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The Specifications are given below: -

- **Capacity** 0.8 M3
- **Material** Galvanized Iron Sheet
- **Shape** Rectangular
- **Sheet Thickness** 2 mm GI Sheet
- **Wheels** 4 Nos. Wheel of Teflon material with one locking wheel
- **Overall Height** 1200 mm (approx.)
- **Overall Width** 1200 mm (approx.)
- **Overall Length** 800 mm (approx.)
- **Bearing** NTN, SKF, FAG or Equivalent
- **Supporting Plates** 4 mm
- **Emptying Method** Lifting by rear end loading Garbage Compactors.

CONTAINER 5M3 (OPEN TYPE)
FOR ARM ROLL TRUCK 5M3



Arm Roll Container 5 m^3

The 5 m^3 Container is manufactured from JIS SS400 grade steel and compatible with Arm Roll vehicle having following features: -

i.	Body Size	5 M^3
ii.	Body Type	Open type with full opening of back door, to allow easy dumping
iii.	Body Construction	All welded mild steel construction to match with Arm Roll Vehicle.
	a. Floor	Floor Fabricated with 4 mm thick MS sheet, reinforced by channels.
	b. Sidewalls	Side walls fabricated from 3 mm thick MS Sheet, reinforced by channels.
	c. Back Door	Back Door fabricated from 3 mm thick MS Sheet, reinforced by channels.
	d. Front	Front side fabricated from 3 mm thick MS Sheet, reinforced by channels.
iv.	Lifting Hook	Made from 50 mm dia, high carbon steel bar welded with brackets of 12 mm thick MS Plate.
v.	Hook Plate	Made from M S 10 mm thick.
vi.	Lifting Locks	The container is to be equipped with Locks.
vii.	Main Frame	C Channel made from 6 mm thick
viii.	Support Channel	50 x 100 x 50 mm (3 mm thick)
ix.	Wheels	Support caste steel wheels at rear end, dia 150 mm
x.	Support Leg	Box Fabricated from 4 mm thick M S sheet.
xi.	Paint	The internal and external surface will be painted free from Rust and Oil Residue. One coats of anti-rust primer base two coats of final paint done with synthetic Enamel. Color of Paint and the Branding / Marking will be done as per customer choice.

SEWER SUCKER 4500-5000 LTR



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Sr.	Item	Description
TRUCK CHASSIS:		
1	**Origin**	Origin Europe/USA/Japan Assembled in Pakistan
2	**Type**	RHD, 4x2
3	**GVW**	8900 ~ 9000 kg
4	**Engine**	**Type:** 4 stroke-cycle, water cooled direct injection diesel engine with turbocharger & intercooler. **Power:** 135 ~ 145 PS **Torque:** 35 ~ 45 kgf.m **Displacement:** 3900 ~ 4100 cc
	Emission Standard	**Euro-II** minimum
5	**Clutch**	300 mm, Hydraulic control, diaphragm spring, single dry plate.
6	**Transmission**	5 ~ 6 Forward & 1 Reverse OD transmission
7	**Axle**	**Front:** Reverse Elliot "I" beam. **Rear:** Full floating type.
8	**Brakes**	**Service:** Hydraulic with vacuum servo assistance, dual circuit. **Exhaust:** Vacuum operated, butterfly valve type. **Parking:** Internal expanding type on propeller shaft at rear of transmission.
9	**Dimensions**	**Wheelbase:** 3800 ~ 3900 mm **Width:** 1950 ~ 2000 mm **Length:** 6700 ~ 6750 mm **Height:** 2200 ~ 2250 mm **Ground Clearance:** 200 ~ 220 mm
10	**Electrical**	**Batteries:** 2 x 12 V, 65 AH. **Alternator:** 24 V, 50 Amp
11	**Steering**	Ball-nut type with integral type hydraulic power booster. Telescopic and tilt steering column with steering lock.
12	**Suspension (Front & Rear)**	Semi-elliptic, laminated leaf springs, hydraulic double acting telescopic type shock absorbers on front & rear axles.
13	**Wheels & Tires**	**Tire Size:** 7.50-16-14 PR **Nos. of Tires:** 7 including spare wheel.
14	**Fuel Tank Capacity**	100 liters

SUPERSTRUCTURE

Sr.	Item	Description
1	**GENERAL**	Equipment is Designed to Collect, Liquid Waste by Suction, and Transport it for disposal the Vacuum Emptier consists of ➢ A Sub-frame connected to the Vehicle's Chassis ➢ A Cylindrical Tank, Hydraulic Tilting for emptying. ➢ A Hydraulically opening full diameter tail gate and ➢ The Vacuum System ➢ Vacuum Pump operated through Truck's PTO. All the functions and the load distribution of the equipment are properly arranged to the technical specifications of the chassis on which it is mounted.
2	**DIMENSIONS**	Volume (M3): **4.5 ~ 5M3 (4500 ~ 5000 Ltr.)**
3	**SUBFRAME**	There is a subframe made from U profiles of 6 mm thick mild steel and is mounted to the chassis with mounting brackets.
4	**TANK**	**a)** Tank is manufactured from 6 mm thick sheet mild steel. **b)** Ends are covered with 6mm thick dished plate and welded to the body both inside-outside. **c)** At the rear, there is and acid resistant rubber placed in a full diameter machined steel housing to prevent leaking from the tailgate. **d)** The tank can be lifted by hydraulic cylinders from front for easy emptying operation.
5	**TAILGATE**	**a)** Full diameter tailgate is manufactured from 6 mm thick plate with a fully flat steel ring welded around it to provide gasket face. **b)** Tailgate is connected to the body with top hinges with bushings. **c)** Tailgate is opened upwards by 2 hydraulic jacks. **d)** There are two tightening handle around the tailgate to provide efficient sealing. **e)** There are three sight glasses at the bottom, middle and the top of the tailgate. **f)** There is a 4" ball valve and quick coupling at the tailgate to which the suction hoses are connected.
6	**HYDRAULIC INSTALLATION**	**a)** There are 2 hydraulic jacks at the sides of the tailgate to open the tailgate. It is manufactured from honed tube and hard chrome rod imported, locally assembled. **b)** There is 1 hydraulic jack at the front of Tank for tilting tank. It is manufactured from honed tube and hard chrome rod imported, locally assembled. **c)** Hoses are used to deliver hydraulic oil.

7	**VACUUM INSTALLATION**	
i	**Vacuum Pump**	Technical Data for Vacuum Pump: - **Maximum Air Flow:** 9000 ~ 9500 l/min **Maximum Absolute Pressure:** 2.5 bar (36 psi) **Maximum Vacuum:** 95% (28.5") Hg **Maximum Continuous Vacuum:** 70% (21") Hg **Power at Maximum Vacuum:** 17 KW **Driven:** Truck's PTO
ii	**Primary Protection**	Located at Tank outlet for suction fitted with float type automatic shut off system to discontinue suction when tank is almost filled to avoid over filling
iii	**Secondary Protection**	Secondary Protection for automatically suction shut off system to safe pump in case of failure of Primary Protection.
iv	**Filter**	Filter is provided on Suction Line to ensure longer life of Vacuum Pump.
v	**Gauge**	Combine gauge for both positive and negative reading of Vacuum pressure of Tank.
vi	**Vacuum Safety Valve**	Inbuilt safety valve to avoid over vacuum.
vii	**3 Way Vacuum to Pressure Valve**	Inbuilt valve for operating Vacuum pump for Vacuum or Pressure operation
viii	**Silencer**	Silencer with Pre-Filter. Make connection either end for fitting in-line with pipe works for noise free operation.
8	**STANDARD ACCESSORIES**	a) Hose storage lockers. b) 4" dia suction hose 30 ft length (10 ft. + 20 ft.). c) Mudguards and rubber flaps. d) Tool box. e) Yellow beacon Lamp f) Night working lights.
9	**PAINTING**	Surfaces free from Rust and Oil Residue. One coats of Red Oxide and two coats of final paint done with synthetic Enamel Paint. Color of Paint and the Branding / Marking will be done as per customer choice.

TRACTOR LOADER WITH DIGGING TEATH





Hydraulic Oil Tank



Counter Weights



PTO Pump

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SPECIFICATIONS OF COMMPERCIAL TYPE FRONT END LOADER

bucket located at the end of two long arms with strength and safety. The Commercial Loader is hydraulically powered which provides the necessary power to lift the load.

Bucket Type	Closed Earth Self Leveling Bucket with Digging Teeth
Bucket Volume	0.6 cubic meter
Bucket Size	5.5'
Lifting Time	8-12 sec
Max. Lifting Weight	1000 KG
Operation	Hydraulic-Extra Pump PTO Drive Shaft-9 Plunger
Lifting Height at Pivot Point	11.5 ft
Lift Ram	2 Cylinders
Bucket Ram	2 Cylinders
Control	80 ltr 2 Spool Valve, 210 bar - Imported
Weight	Fixed, Size: L: 34" W: 32" H: 34"
Oil Tank	80 Liter with Oil Filter & Oil Level Gauge

SPECIFICATIONS OF TRACTOR (85 HP) 4WD

PERFORMANCE

Maximum engine power @ 2,200 rpm	85 (8.5) hp*
Maximum torque@1,600 rpm	330 Nm
Maximum PTO power at rated engine speed	70hp**

* Certified to BS AU 141a
** Manufacturer's estimate

ENGINE

Make / Type	Diesel / 4.41
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127.0 mm
Capacity	4.1l
Aspiration	natural
Compression ratio	15.3:1
Starting aid	Thermostart
Throttle control	hand & foot
Cooling	Water
Air cleaner type	Oil bath
Air pre-cleaner	Over bonnet,
Fuel filter	Dual, high capacity with sedimenter
Exhaust	Vertical, muffler under bonnet
Oil Cooler	Water Cooled

ELECTRICS

Voltage	12 V, negative earth
Battery	118 Ah
Alternator / Starter	45 A / 2.8 kw

CLUTCH

Type	Dual
Diameter	305mm x 254 mm
Lining material	Cerametallic

TRANSMISSION

Type		Sliding Spur
Number of gears		8 forward, 2 reverse
Road speed at 2,200 engine rpm with 18.4 / 15 - 30 rear tyres		
Gear		Speed (km/hr)
Forward 1	(First low)	2.9
Forward 2		4.2
Forward 3		5.8
Forward 4		7.8
Forward 5	(First high)	11.5
Forward 6		17.0
Forward 7		23.13
Forward 8		31.0
Reverse 1	(Low)	4.0
Reverse 2	(High)	15.7

POWER TAKE OFF

Type	Live
Engine speed @ 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position control, Response control, Constant Pumping
Pump Type	4 Piston, Ferguson
Maximum oil flow Maximum pressure	16.7 l/ min 21MPa (205 bars) at normal operating temperature
Max. lift capacity at lower links horizontal	2,145 kgs
Lower Links	Cat. 1 & 2 with interchangeable balls

FRONT AXLE

Type	Parallel drive
Engagement	Mechanical

STEERING

Steering	Hydrostatic

REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Braking area	1,774 sq.cm
Brakes Actuation	Hydraulic
Parking brake	Hand lever operated

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery Condition & Water temperature
Warning lights	Direction indicators, Electric charge, Head light main beam, Low engine oil pressure, 4WD indication light & Auxiliary socket

TYRES

Front	12.4 / 11-24 (12 PR)
Rear	18.4 / 15-30 (8PR)

TRACK ADJUSTMENT

Front	1,376 - 1,944 mm
Rear	1,423 - 2,134 mm

WEIGHTS AND DIMENSIONS (*)

(With 12.4/11-24 Front & 18.4/15-30 rear with full fuel, oil & water)

Weight	
Gross Weight (Approx.)	2,760 kg
Dimensions	
Overall length	3,810 mm
Overall width (min.)	1,871 mm
Wheel base	2,350 mm
Height	
Over exhaust	2,485 mm
Over steering wheel	1,781 mm
Turning Circle	
Without brakes	8,518 mm
Ground Clearance Under gear box	591 mm
Under 4WD front axle	395 mm

CAPACITIES

Fuel tank	108.0	l
Engine sump	7.5	l
Cooling system	15.2	l
Hydraulic system	47.4	l
Power steering reservoir	2.0	l
Oil bath air-cleaner	0.7	l
Brake Oil	0.25	l
4WD front axle differential	5.6	l
Hub each side	1.0	l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat I & II balls. Check chains, stabiliser chain, Spring suspension seat, Flat top fenders & Operator's and service manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook and 9 Hole drawbar.

OPERATOR AREA

Seat	Cushioned
Fenders	Flat top
Tool	Standard

SPECIFICATIONS OF TRACTOR TOWED MECHANICAL SWEEPER



**The above photos are only for illustration purpose, the original product may be different.

1	SWEEPING WIDTH	2250-2350mm
2	SWEEPING SPEED	1/10 km/hr
3	LENGTH	3800 -4200mm
4	WIDTH	1750 MM
5	FRONT BRUSH Ø	750 MM
6	REAR BRUSH Ø	780 MM
7	HOPPER CAPACITY	1600 Liter
8	WEIGHT	1550 kg
9	WATER TANK	500 Liter
10	WATER SPRAY NOZZLES	8 Nos.
11	OPERATED BY	Hydraulic Pump through PTO to be fitted with Tractor.
12	PTO RPM	540
13	POWER REQUIREMENT	33 kw
14	HYDRAULIC TANK CAPACITY	40 Liter
15	TANK FITTINGS	Breather cap with strainer, level & temperature gauge
16	FILTERS	Hydraulic Filters on Suction & Return.
17	TIRE SIZE	6.00-9-10 PR

GARBAGE COMPACTOR 7-8M3



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Sr.	Item	Description
TRUCK CHASSIS:		
1	**Origin**	Origin Europe/USA/Japan Assembled in Pakistan
2	**Type**	RHD, 4x2
3	**GVW**	8900 ~ 9000 kg
4	**Engine**	**Type:** 4 stroke-cycle, water cooled direct injection diesel engine with turbocharger & intercooler. **Power:** 130 ~ 145 PS **Torque:** 35 ~ 45 kgf.m **Displacement:** 3900 ~ 4100 cc
	Emission Standard	**Euro-II** minimum
5	**Clutch**	300 mm, Hydraulic control, diaphragm spring, single dry plate.
6	**Transmission**	5 ~ 6 Forward & 1 Reverse OD transmission
7	**Axle**	**Front:** Reverse Elliot "I" beam. **Rear:** Full floating type.
8	**Brakes**	**Service:** Hydraulic with vacuum servo assistance, dual circuit. **Exhaust:** Vacuum operated, butterfly valve type. **Parking:** Internal expanding type on propeller shaft at rear of transmission.
9	**Dimensions**	**Wheelbase:** 3800 ~ 3900 mm **Width:** 1950 ~ 2050 mm **Length:** 6700 ~ 6750 mm **Height:** 2200 ~ 2250 mm **Ground Clearance:** 210 ~ 220 mm
10	**Electrical**	**Batteries:** 2 x 12 V, 65 AH. **Alternator:** 24 V, 50 Amp
11	**Steering**	Ball-nut type with integral type hydraulic power booster. Telescopic and tilt steering column with steering lock.
12	**Suspension (Front & Rear)**	Semi-elliptic, laminated leaf springs, hydraulic double acting telescopic type shock absorbers on front & rear axles.
13	**Wheels & Tires**	**Tire Size:** 7.50-16-14 PR **Nos. of Tires:** 7 including spare wheel.
14	**Fuel Tank Capacity**	100 liters

Sr.	Item	Specification
1	**Superstructure**	The Compactor will be of Pack Plate Type Compactor with a minimum Compaction ratio of 1.35 ~ 1.5. The hopper loading height shall be 900-1250 mm (approx.) which depends on height of chassis.
		The body design will be of independent construction and mounted to meet the Health and Safety of the working personnel. The superstructure's assembly will be according to the truck's superstructure installation directives. The superstructure will be mounted with rigid connection, and flexible connection to provide the required elasticity.
		The design will keep in view load distribution for better performance of the vehicle. The internal and external surface will be painted free from Rust and Oil Residue. Paint and the Branding / Marking will be done as per customer choice. The garbage compactor equipment should conform to following specifications:
2	**Body of the Garbage compactor truck**	
	Capacity	7-8 M3 Excluding Hopper Body Material JIS SS 400 grade mild steel or equivalent Mild Steel grade
	Body Floor	4 mm
	Body Roof	2.5 mm
	Body Side Plate	3 mm
		Stiffeners to be provided and these will be full-seam welded on the body if required.
3	**Ejection Plate**	A hydraulic operated ejection plate of JIS SS 400 grade mild steel or equivalent Mild Steel grade having thickness of 4 mm will be provided. The plate will work through double acting cylinder with scissor ejection to allow the panel to advance forward as garbage is packed against it.
4	**Hopper**	Capacity 0.8 m3. The hopper capacity will be compatible with Mini Tipper/Tipper Rickshaw.
	Material	JIS SS 400 grade mild steel or equivalent Mild Steel grade
	Side Plate	4 mm plate with reinforcing channels
	Floor Plate	5 mm plate covered with 2.5 mm plate (Dual cover Structure if required)
	Press Plate	6 mm
		Press plate will be able to collect loose garbage inside the body via a sweeper shovel being pushed into the body by two double acting jacks.
5	**Bin Lifter**	Lifting capacity at least 500 ~ 600 kg capable to lift 0.8 m^3 Garbage container.

6	**Safety Bars Locking & Sealing**	2 Nos. Safety Bars under the hopper for maintenance. Hydraulic locking by means of two hydraulic tailgate lifting cylinders which also prevent the leakage of the wastewater.
7	**Control Valves**	Solenoid valve with safety relief valve for operation from hopper side for press & pack cylinders and on driver side of chassis for Dumping/Ejection Operation. (Origin Europe/USA/Japan/Turkey or equivalent)
9	**PTO**	2 Gear type operated through Electro-vacuum actuator from Cab. This will be close coupled with Hydraulic Pump. (Origin Europe/USA/Japan/Turkey or equivalent)
10	**Hydraulic Pump**	Pump will be close-coupled with PTO 50 ~ 52 cc / rev. Piston type. The operating pressure will be minimum 150 ~ 180 bars and Max. Pressure 300 ~ 350 bars. (Origin Europe/USA/Japan/Turkey or equivalent)
11	**Hydraulic Cylinders Double Acting Type**	There will be 8 units of hydraulic double acting cylinders; 4 Nos for Press & Pack plate, 2 Nos for hopper lift and 2 Nos for Bin lift with honed tube and chrome plated rod as per applicable Standards. The dimensions of cylinders will be designed to accomplish the stipulated cycle times and compaction ratio.
12	**Hydraulic Oil Tank**	Hydraulic Tank Capacity min. 75 liters, equipped with line return filter, suction filter, level & temperature gauge & breather cap. The return filter, suction filter and breather cap (Origin Europe/USA/Japan/Turkey or equivalent).
13	**Hydraulic Hoses**	All high pressure hydraulic oil hoses will be double braided according to SAE and shall have a burst pressure rating 2 times the working pressure. The hoses in motion are covered and Protected by steel wire.
14	**Operation**	Auto Cycle with manual option will be provided. The system will be equipped with emergency stop for safety. The operational control will be placed on driver side with proper weather protection. Following options will be available:
	Auto Continuous	With this option the hopper operation will continuously operate until stopped
	Manual	With this operation each action can be done separately by push buttons.
	Manual override	Manual override will be provided in each valve for operation.
		The system enables start, stop, 1 cycle, continuous cycles. And rescue activities. Tailgate and ejector controls will be in front side of the body (push buttons).
		All devices for loading control will be mounted on tailgate right side, and all will be manualy controled for safety purposes. Compaction will be controlled electrically via push buttons, and manually whenever required. An emergency stop button will be provided on each side of the truck on the control panel.
15	**Ejection / Hopper Lift Operation**	Solenoid operational Control be placed on driver side of body.

16	**Water Tank**	One tank of minimum 100 liters capacity under the hopper and other tank of minimum 70 liters capacity under the floor with discharge facility complete in all respects.
17	**Mudguards**	Two steel mudguards with rubber flaps at rear ends.
18	**Foot board**	Two foldable type rear footboards for crew to stand.
19	**Handles**	One handle at each side $^{3}/_{4}$" pipe handle for the crews to grasp.
20	**Frame Compactor**	Sub frame will be integral part of the container floor reducing total body weight.
		Oil tank will be built into the compactor container for modern look and reduced build length.
		Container and compacting parts will be made of high grade steel for intensive use.
		Hopper construction will be made from hard steel wear plates with high strength and high hardness JIS SS 400 grade mild steel or equivalent Mild Steel grade that is already mentioned above. The ejector plate slides will be special heavy duty sliding blocks for smooth operation and low maintenance cost.
		Water tight sealing will be provided between body and tailgate.
		Drain valves will be available for convenient emptying of waste liquids from the body and the hopper.
		The following items will also be provided in the vehicle.
		Integrated sewage tank
		Rear lights mounted on body
		Automatic release/engage tailgate lock.
		Both sides emergency shut-off switches,
21	**Garbage Compactor Exterior**	Color of truck: As approved by the customer.
		Labelling as per approval of the customer.
22	**Paint of Equipment**	The internal and external surface will be painted free from Rust and Oil Residue. One coats of anti-rust primer base two coats of final paint done with synthetic Enamel. Color of Paint and the Branding / Marking will be done as per customer choice.
23	**Lights**	
		One (1) standard revolving beacon on middle of cab roof yellow,
		One (1) standard revolving beacon on roof back side of vehicle; yellow

Road Side Garbage Drum 0.2 M^3





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SPECIFICATIONS OF ROAD SIDE GARBAGE DRUM 0.2 M^3

Sr.	Item	Offered Specification By the Bidder
1	Capacity of Drum	0.2 M3 (without top lid)
2	Material of Drum	Mild Steel
3	Fixed Pillars	Box type 38x80x38x80 of 1.8 mm Thick MS Sheet.
4	Rod	Ø 20 mm 2 Nos.
5	Hinge	For rotating the drum for emptying
6	Lock	Spring Loaded for keeping bind in fixed position when locked. Unlocked for emptying into Handcart.
7	Stiffeners	1.5 mm thick size 15x30x15 mm
8	Painting Inside the bin	Epoxy Primer Red Oxide
9	Out Side the Bin	The internal and external surface will be painted free from Rust and Oil Residue. One coats of anti-rust primer base two coats of final paint done with synthetic Enamel. Color of Paint and the Branding / Marking will be done as per customer choice.

HAND CART CONVENTIONAL



The pan will be made of MS sheet of 16 SWG with MS frame of 1.25"x1.25"x1/8" angle iron on all 4 sides of the pan.
2 Nos. 15" diameter MS double ring wheels with steel hub and suitable bearings, having strong collars at the periphery to house the 8-ply rubber ring with ribbed wearing surface complete in all respect. The rubber ring will be robust, strong with long wearing period. The wheels will be provided with robust and strong MS spokes welded with outer periphery ring of the wheels and the hub and will not break or yield during the design life of the cart. The MS hub will be made of suitable thickness to house the bearing and strong enough to bear the stresses produced during hauling of the cart on undulated paved or non-paved surfaces.
MS axel made of 30" long 1.0" dia. MS bar provided with bearings and split pins on both sides to eliminate the chances of disengagement of wheels from the axel.
Made of MS pipe 16 SWG thickness, 24 inches long 1.5" diameter welded with the hand cart substructure frame.
All structure of the hand cart including the handle and pan will be coated in suitable color as approved by the department.

SPECIFICATION

Name	[redacted] Road Washer	
Engine Type (Heavy Duty)	163ml 4 Stroke (200cc) Water Cooling System	
Engine Oil Capacity	1.5 Ltr	
Transmission	4~5 Forward + 1 Reverse	
Chassis	Steel structure welding chassis, phosphate anti rust treatment	
Front Suspension	Heavy duty front double shocks observer	
Rear Suspension	Heavy duty Leaf Spring & rear shocks observer	
Brake (front / Rear)	Front Mechanical / Rear Hydraulic with Hand Brake	
Wheel / Tyre Size	1 Front & Rear Double Tyre, 12"	
Lights & Signals	Headlight + turn signal indicators + brake light + reversing light + reverse horn	
Ignition	CDI	
Battery	12V	
Seating Capacity	1+1+1, Foam Seats, Water proof leather	
Dimensions (L X W X H)	3360 X 1410 X 1730 MM	
Wheel Track	1220 MM	
Wheel Base	2270 MM	
Turning Circle	731 CM	
Water Tank	Sheet: S.S Nonmagnet Food grade tank, rust proof	
	Capacity: 1500 + - 50 Ltr	
Washer Engine Type	Air Cooled, 4 Stroke, OHV, Single Cylinder	
Washer Engine Power	5.1 kw / 7.0 Hp	
Washer Engine Fuel Capacity	3.6 L	
Pump Pressure (kg. cm3)	21-35	0-10
Suction (L/Min)	14	20
R.P.M	500	1200
Power	Motor	1.2 Hp
	Engine	3.5~4 Hp
Flushing Mode	Rear Flushing with nozles & Handheld Flushing Gun	
Handheld Flushing Pipe (L)	100' Feet	
Color	Fuel Tank with side covers: Red	
	Box: Customized	

SPECIFICATIONS

1. SPECIFICATIONS OF WEIGHBRIDGES EQUIPMENT AND INSTALLATION

a. Commission and installation of weighbridge on site
b. Pitless weighbridge platform size 30'x10' feet
c. Weighbridge consists of Nos. 04 modules size of each 15'x5'
d. Weighbridge capacity 60 M Tons.
e. Cross girders Nos. 07, 'H' Beam Size 8"x8"x30 feet
f. Main girders Nos. 02, 'H' Beam Size10"x10"x30 feet
g. MS plate 12mm thick plane
h. Load cells Nos. 06, capacity of each 40 tons
i. Load cell plates Nos. 06, size 12"x10" and Nos. 06 size 8"x8"
j. Weighing indicator Nos.01, Rj-45 supported
k. Junction box Nos. 01 with variation card
l. Channel Nos. 02, size 8"x2 ½" x30feet
m. All the accessories will be included for fitting /installation of steel structure nuts/bolt with washers etc.
n. Ramp No. 02, 20 feet on both side of weighbridges (R.C.C), 01 feet thickness as per client approved design
o. Weighbridge backup equipment. 03 Load cells, 01 indicators and 01 junction box, the contractor will maintain backup equipment.
p. Angle iron frame size 3 inch, around the weighbridge
q. Industrial red oxide epoxy paint at complete structure of weighbridge
r. Earthing (Grounding) of weighbridge
s. Complete job as per client requirement
t. Weighing software development and installation with data integrators
u. Minimum 03 years' warranty and support, extendable for another 03 years with the mutual consent of both parties.

2. SPECIFICATIONS OF RFID SYSTEM EQUIPMENT AND INSTALLATION

a. Commissioning and installation of a complete RFID system integrated with the weighbridge based on Rj-45 port and IP cameras at the site
b. RFID System (complete trunk key solution with software and data integrators, data must be pushed over internet to database server installed at Head Office, API configuration) and backup of data will be on site.
c. RFID Integrated Reader, long range at least 15 meters with RJ-45 port, must have Ethernet concavity, 1x RFID controller, 25 RFID tags, 1x RFID tag register scanner. RFID reader and weighbridge integration can also be done on COM port
d. 1x leady barriers and 1x traffic signal lights (Red & Green)
e. 1x 10 ports PoE network switch
f. RFID will be operated on free frequency, must be approved by Frequency Allocation Board (FAB)
g. LAN cable Cat-6 150 meters, PVC duct, cable ties, IP65 boxes, rack switch cabinets, RJ-45 connectors. All the accessories will be as per actual requirements

h. All necessary accessories will be included, and fitting installations will be completed as part of the job.
i. 4x IP cameras 02MP each over POE, 1x NVR - 8 Channel, 1x 2 TB Hard Disk, 32 inches LED for display, CCTV can be accessible in remote control room may be situated in Head office/other offices
j. 01x complete computer (Core i5) set 13th generation including 19 inches LED, 08GB RAM, 500GB SSD, register windows (OS), keyboard and mouse OR 13th generation Core i5 Laptops with a dedicated numeric keypad, 08GB RAM, 500GB NVMe.
k. Receipt printer (Thermal printer with 50 roles),
l. The contractor will maintain backup equipment to meet emergency repair work.
m. Minimum 03 years' warranty and support, extendable for another 03 years with the mutual consent of both parties.

3. <u>INTERNET SERVICES AND ELECTRIC POWER SUPPLY EQUIPMENT AND INSTALLATION</u>

a. Internet of 06Mbps CIR (Committed information rate) on site
b. EVO 50GB data for internet backup
c. 01x 3KVA UPS with 02x 100Amp dry batteries
d. 01x 6KVA Generator, fuel arrangements, generator maintenance
e. 01x 3KVA AVR (Automatic Voltage regulator) etc.
f. Surge protectors
g. 01x AC, 1.5 tons cooling capacity