

TENDER DOCUMENT

**PURCHASE OF GARBAGE COMPACTOR 6-7 M3 MOUNTED ON TRUCK CHASSIS 120
HP (MAXIMUM)**

GALIYAT DEVELOPMENT AUTHORITY ABBOTTABAD

INVITATION OF TENDERS FOR PROCUREMENT OF GARBAGE COMPACTOR 6-7 M3 MOUNTED ON TRUCK CHASSIS 120 HP (MAXIMUM)

Tenders are hereby invited from experienced manufactures Technical and financial bids of above Machinery enclosed in the single sealed envelope will be received in the office of the undersigned on 18-05-2017 at 12:00PM. The Technical proposal will be opened on 18-05-2017 at 02:00PM in the presence of the representatives of the bidders.

Bid bond @ 5% in form of CDR must accompany with the bid.

- This office is not bound to accept the lowest (or any) tender and shall not be responsible for any cost incurred in connection with the preparation thereof.
- Non-compliance with the conditions in the press advertisement will be render the tender liable for rejection.
- Conditional bids shall not be accepted.
- Sale tax registration certificate shall be annexed with the bid.
- Income tax registration certificate shall be annexed with the bid.
- ISO certification if any.

Consignee: - _____

Date of opening:- _____

Time of receipt: _____

Delivery period: _____

Scope of Supply: _____

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Note:- Please read the following note and instructions carefully.

1. Any offer not received as per terms and conditions of the tender enquiry is liable to be ignored. No offer shall be considered if:
 - I. Received without earnest money.
 - II. Received after the time and date fixed for its receipt.
 - III. The tender is unsigned.
 - IV. The offer is ambiguous.
 - V. The offer is conditional.
 - VI. The offer is from firm blacklisted by any Government or semi-Government Department throughout Pakistan.
 - VII. The offer received by the telegram or fax.
 - VIII. Offer received with the shorter validity than required in the tender enquiry.
2. Offer will remain valid for 60 days from the date of opening of the tender.
3. Bids are required to be quoted according to KPPRA Rules two envelope system. Technical and Financial / commercial bids. The technical bids will be opened on tender date. Financial / Commercial bids of those bidders will be opened which will be technically responsive. Non technical responsive bids will be returned unopened to the bidder.
4. The purchaser reserves the right to purchase full or part of the store or ignore / scab/cancel the tender without assigning any reason.
5.
 - (a) If the acceptance of bids / tender is issued during the validity period of the offer and it is not accepted by the bidder, the earnest money/ CDR shall be forfeited.
 - (b) In case, the contractor / supplier / manufacturer fails to execute the contract strictly in accordance with terms and condition laid down, in the contract, the security (CDR) deposited by him shall be forfeited and compactor will be purchased at this risk and expense.
6. The buyer reserves the right to claim compensation for the loss caused by the delay in the delivery of stores items.

SPECIAL CONDITIONS.

- Bidders shall quote their firm and final rates both in words as well as in figures.
- Against indigenous stores, bidders who are manufactures must indicate name and address of the works in Pakistan from where they intend to supply the stores. Others than manufactures and failing which the offers shall be ignored.
- Any conditional, ambiguous or incomplete offer in any respect shall be ignored. No supplementary or revised offer after the opening of tenders shall be entertained.
- The bidders shall indicate in their bids, the complete address or the place / places where stores are located.
- The bidders shall enclosed catalogues / leaflets / literature and technical data, of any respect of stores offered by them.
- The bidders should specifically indicate their NTN No. and Tax No.
- Any erasing / cutting / closing etc appearing in the offer must be properly signed by the person signing the tender. Moreover, all pages of the bid must also be properly signed. Offers with any overwriting shall in no circumstances be accepted.
- One year warranty including parts and service is required from the manufactures.
- The manufactures must have at least five years experience of producing same type of machines. Bidder may also provide programme certificates.
- Pre-shipment or stage inspection of stores shall be conducted by undersigned or designated officer / official by the department at manufacture's premises before shipment / dispatch.
- All the import documents will be provided by the manufactures / agents.
- Year of manufacturing certificate will be provided by manufactures.
- Only manufactures of their local dealers with dealership agreement of at least 02 years back (attested by the concerned embassy) can participate in the tender.
- Dealer must provide the address of after sales service workshop facility which will be verified.
- Bidders must have experience of 25 unit proof, should be attached with the technical offer.
- Delivery required is on F.O.R stores basis.
- The bid without bond @ 5% in Financial / commercial offer will not be entertained.
- Department reserve the right to accept or reject any bid.
- Bids should be valid for 45 days after opening the tender.
- Delivery is required within 20-30 days after signing the contract.

- Price schedule should be filled and signed by the bidder otherwise the bid will be considered rejected.
- Taxes from bid will be deducted according to the Government Policy.
- Bidders not fulfilling the above conditions will be rejected.

GARBAGE COMPACTOR

6-7 CUBIC METER MOUNTED ON TRUCK CHASSIS 120 HP (MAXIMUM)

TECHNICAL SPECIFICATION

**TECHNICAL SPECIFICATION OF GARBAGE COMPACTOR 6-7 CUBIC METER
MOUNTED ON TRUCK CHASSIS 120 HP (MAXIMUM)**

S No.	Parameter	Description
1	Type	Pack Plate type compactor. Full Auto PLC controlled.
2	Compaction Ratio	Minimum: 1 : 1.35 (House hold) Maximum: 1 : 1.5 (Commercial)
3	Hopper Loading Height	920 ~ 950 mm maximum
4	Body	Capacity: 6-7 M3 Type: Mild steel construction Epoxy primer inside body and One coat of Red Oxide Primer with 2 coats of Primer.
5	Material	Body Floor: 4.0 mm Body Roof: 3.0 mm Body Side Plate: 3.0 mm with stiffeners Ejection Plate: 4.0 mm
6	Hopper	Plate: 5.0 mm inside width 1500 mm Safety: 2 Pcs safety bars for hopper
7	PTO	2 Gear, 6 bolt type operated through Electro-vacuum actuator from Cab. Type close couple for Hydraulic Pump. Origin Europe Make Bezares Spain.
8	Hydraulic Pump	51 cc / rev. Piston type. Max pressure 350 bars. Type close couple with PTO. Origin Europe Make Bezares Spain.
9	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.
10	PRESS & PACK	4 Nos. of Press & Pack cylinders. ID 80 mmx OD 90 mm Rod dia 50 mm
11	Construction:	Honed pipes & Hard Chromed Rods Double acting type Origin Europe locally assembled.
12	HOPER LIFT	2 Nos. of Hopper Lift Cylinders. ID 80 mm x OD 90 mm Rod dia 50 mm
13	Construction	Honed pipes & Hard Chromed Rods Double acting type Origin Europe locally assembled.
14	Ejection Plate	Emptying: By Ejection Plate operation. ID 125 mm x OD 140 mm Rod dia 60 mm
15	Construction	Ejection Hyd. Cylinders constructed from Honed pipes & Hard Chromed Rods Double acting type Origin Europe locally assembled.
16	HOPPER OPERATION	The system is equipped with emergency stop and cabin Buzzer for safety. The operational control is placed on driver side of hopper with proper weather protection. Following options available: -

17	Auto Continues	With this operation continues hopper operation will work.
18	Auto Single	With this option the single hopper operation will be completed.
19	Manual	With this operation each action can be done separately by push buttons.
20	Emergency Manual Override	Manual override is provided for emergency in each valve for operation.
21	EJECTION / HOPPER LIFT	Solenoid operational Control is placed on driver side of body with emergency shut off for safety.
22	Cabin Buzzers and Indications	i. Buzzer for emergency calling from Hopper. ii. Work in Progress indication of hopper. iii. Emergency Stop for safety. iv. PTL working indication
23	Rear Lights	i. Revolving light. ii. Working light
24	WASTE WATER	100 ~ 150 Liters capacity waste water tank under the hopper with discharge facility and 2nd Tank Of 70 ~ 100 Liters under floor with discharge facility.
25	HYDRAULIC TANK	85 Liters. Equipped with On Line return filter (10 micron), Suction Filter (100 Micron), Level & Temp. gauge & breather Cap.
26	BIN LIFTING SYSTEM	Hydraulically bin lifting arrangement at rear
27	ELECTRICAL SYSTEM	24 V DC
28	PROGRAMMABLE LOGICAL CONTROL	Programmable Logical Control with special software for Compactor operation in Pakistan.

Note: **The equivalent of above mentioned specifications shall be accepted.**

TRUCK CHASSIS
FOR 6-7 CUBIC METER GARBAGE COMPACTOR
TECHNICAL SPECIFICATIONS

**TECHNICAL SPECIFICATIONS OF TRUCK CHASSIS 120 HP (MAXIMUM)FOR
GARBAGE COMPACTOR 6-7 CUBIC METER**

S. No.	Description	Specification
1	Horse Power	120 HP (Maximum)
2	Engine displacement	4100-4300cc (Maximum)
3	GVW	8800-8900 KG
4	Pay load	6000-6580 KG
5	Wheel Base	3800-3850 mm
6	Overall length	6000-6750 mm
7	Overall width	1900-1950 mm
8	No. of Cylinder	04 cylinders
9	Torque	30-31 kgf.m
10	Fuel Tank capacity	100 Liters
11	Drive	RHD Drive
12	Gear	5 forward 1 reverse
13	Clutch	Dry single plate 300 mm
14	Frame	Ladder type channel with reinforcement
15	Brake	Hydraulic, dual circuit
16	Electric system	24 V DC