

Lot-5

Evaluation Criteria for Procurement of Centrifugal Pumps

Mandatory Documents	ix. ATL x. NTN Registration xi. GST Registration xii. Last year Income Tax Return. xiii. Last year Sales tax Return. xiv. Latest three years Bank statement. xv. Affidavit on stamp papers duly attested regarding black listing other condition as per specimen on page-45 xvi. Certificate that 2% CDR is attached with Financial bid.	Bids without Mandatory documents shall not consider for evaluation.														
S. No.	Parameters	Detail / Supporting Documents	Total Marks	Remarks												
1	Past performance (Last one year) as per signed Bid form 4	Major institution served: <table border="1" style="margin-left: 20px;"> <tr> <td>i.</td> <td>No institution served</td> <td style="text-align: center;">0</td> </tr> <tr> <td>ii.</td> <td>1 to 2</td> <td style="text-align: center;">5</td> </tr> <tr> <td>iii.</td> <td>3 to 5</td> <td style="text-align: center;">10</td> </tr> <tr> <td>iv.</td> <td>More than 5</td> <td style="text-align: center;">15</td> </tr> </table>	i.	No institution served	0	ii.	1 to 2	5	iii.	3 to 5	10	iv.	More than 5	15	15	Institutions include Government departments and Private hospitals of 50 or more beds and registered with HRA KPK or Equivalent Registering Body.
i.	No institution served	0														
ii.	1 to 2	5														
iii.	3 to 5	10														
iv.	More than 5	15														
2	Market experience in quoted items	<table border="1" style="margin-left: 20px;"> <tr> <td>i.</td> <td>1 to 3 years</td> <td style="text-align: center;">5</td> </tr> <tr> <td>ii.</td> <td>4 years or more</td> <td style="text-align: center;">10</td> </tr> </table>	i.	1 to 3 years	5	ii.	4 years or more	10	10	As a minimum requirement, during any of the last three years, he must have completed at least One contract involving the supply, of similar Goods and each at least 50% of comparable scale.						
i.	1 to 3 years	5														
ii.	4 years or more	10														
3	Product Sample	Goods samples will be examined & accepted by the Technical & Evaluation Committee as per the following parameters: <ul style="list-style-type: none"> Consistency in quality Durability <table border="1" style="margin-left: 20px;"> <tr> <td>i.</td> <td>Excellent</td> <td style="text-align: center;">15</td> </tr> <tr> <td>ii.</td> <td>Good</td> <td style="text-align: center;">10</td> </tr> <tr> <td>iii.</td> <td>Unsatisfactory</td> <td style="text-align: center;">0</td> </tr> </table>	i.	Excellent	15	ii.	Good	10	iii.	Unsatisfactory	0	15	Product that 100% comply with the advertised specifications will be considered for evaluation. NOTE: Warranty Period One year is Mandatory.			
i.	Excellent	15														
ii.	Good	10														
iii.	Unsatisfactory	0														

Total marks: 40

Qualifying marks: 70% (28) and above. the financial bids of technically accepted bidders will be opened publicly at a time to be announced by the Procuring Agency and the financial bids found technically non-responsive shall be returned un-opened to the respective Bidders. **Lowest priced bid from the technically qualified bidder will be accept**

BOOK OF QUANTITIES
CENTRIFUGAL PUMPS FOR HVAC SYSTEM
AYUB TEACHING HOSPITAL
ABBOTTABAD

S.No	Description	Size	Qty	Rate	Amount
1	Supply, of centrifugal pumps /Electric Motors Duly Supported by Catalogue, Brochure etc complete in all respect as per specification and instruction of Engineer incharge.	15HP	07		
2	Supply, of centrifugal pumps /Electric Motors Duly Supported by Catalogue, Brochure etc complete in all respect as per specification and instruction of Engineer incharge.	20HP	02		

Issued to _____

Vide deposit receipt No: _____

Name Address of Firm: _____

Stamp _____

Call deposit No _____

me

MAINTENANCE & ENGINEERING DEPARTMENT
AYUB TEACHING HOSPITAL
ABBOTTABAD

SPECIFICATIONS FOR CENTRIFUGAL PUMPS:-

1. Vertical split case end suction centrifugal pump for hydraulic application.
2. Pumps shall be designed and constructed to operate satisfactorily in a typical hydraulic application. Pump shall be the product of a manufacturer regularly engaged in the production and marketing of these pumps.
3. Casing shall be vertical split with centerline discharge. Foot supported and shall be made of cast iron. Casing shall be provided with tapped and plugged holes for priming vent and drain.
4. Casing connection shall be standard flat face flangers.
5. Easily replaceable casing wearing rings of suitable material for service shall be provided in front and rear impeller. Casing joint gasket of an O-Ring shall be provided at the casing joint to prevent leakage. Impeller shall be the single suction enclosed type of bronze. Impeller shall be statically and hydraulically balanced. Drilled holes shall be provided through the impeller hub to balance axial thrust loads and keep positive pressure on the stuffing box. Impeller shall be keyed and locked to the shaft within a hex head impeller nut and shall be easily removable without the use of special tools.
6. Pump shaft shall be high strength stainless. Steel sized to provide a minimum amount of deflection. Shaft shall be protected in the stuffing box area by a replaceable shaft sleeve.
7. Stuffing box shall be packed with at least fine rings of graphite asbestos packing or four ring of asbestos packing and a seal cage. Ample space shall be provided for repacking and other normal stuffing box maintenance.
8. Bearing shall be ball type on both ends of the frame. Both bearing shall be locked in place and be sized to provide long life under thrust loads encounter. Both bearing shall be enclosed by replaceable box.
9. Bearing shall be grease lubricated with provision for the addition and relief grease.
10. Replaceable shaft deflector of non-corrosion material shall be provided to prevent the entrance of contaminants into the pump bearings.
11. Base plate shall be fabricated steel. Center drain or cast iron drip lip sufficiently rigid to support the pump and driving motor with tapped hole to pipe away leakage and condensation.
12. Coupling shall be spacer type.
13. Coupling guard shall be all metal and fastened to base plate.
14. Motor drive shall be selected in accordance with the pump non- over loading performance characteristics. Motors shall be squirrel cage induction, TEFL type for exposed installation and drip proof type for enclosed installation. Motor 15 hp and 20 hp shall be suitable for star delta starting. Motors shall be mounted with pump on base plate.

CERTIFICATION: INTERNATIONAL STANDARD CERTIFICATION FROM REGULATORY / PROFESSIONAL BODIES.

10/3