

BRIHANMUMBAI MUNICIPAL CORPORATION
(HYDRAULIC ENGINEER’S DEPARTMENT)
900 MLD Pumping Station, Bhandup Complex

Minutes of Pre-Bid Meeting

Subject :- The work of design, supply, installation, testing and commissioning of 3437.5 m³/h capacity centrifugal Pump Set along with other accessories at 900 MLD Pumping Station Bhandup Complex..

Venue :- Hydraulic Engineer’s Office, Worli Engineering Hub, Mumbai-400018.

Meeting Date : 23.10.2024 **Time** : 12:30 Noon

Tender ID : 2024_MCGM_1115902_1 **Tender due on** : 11.11.2024

In the meeting following questions raised by prospective bidders were discussed:-

Sr No.	Relevant tender condition	Firm and their queries	B.M.C.’s reply to Queries
A	M/s. K. Rajesh & Company		
1	Coatings: Drinking water approved coating shall be applied to liquid flow passage of pump. Coating should be anti-erosion, anti-corrosion, cathodic protection, anti-galvanic action, energy efficient and Hydrophobic in nature. To enhance the pump efficiency, coating should be applied on pump Impeller and bowl. The offered efficiency increase due to improved surface finish Coating should be preferably manufactured in India. Surface finish of coating shall be max 0.5 microns Ra preferably or less than values as mentioned in Hydraulic Institute standard, HI 20.3 – 2010.	For brand new pumps coating is not recommended as the affect of coating gets wear out around 2-3 years of running	Tender Condition Prevails.
2	Coating Specifications – DFT 1.00 mm tolerance minus 100 microns. i) Base coat – Medium viscosity pre accelerated Bisphenol. A polyester glass flake compound cured by the addition of organic compound. ii) Intermediate coat – A heavy built glass flake coating based on low reactivity, Bisphenol. Polyester resin pre accelerated. A two pack resin system sing organic peroxide. iii) Top coat – A cold cured highly modified chemically resistant, two pack resin system filled with stabilizing enforcement to reduce cold flow characteristics. The coating	The specification for coating even though does not specify brand new name it is being handled by a specific who are pump manufacturer. Hence even if department insists for coating then please accept equivalent product which takes care of all parameters viz corrosion, erosion , efficiency improvement and most important suitable for potable water you can also if required ask for an undertaking from pump manufacturer in this regard which can be submitted along	Tender Condition Prevails. No specific brand/ manufacturer of coating is specified, however the material used for coating should be as specified under “Coating Specifications” in tender document.

	should have good gloss with waxy appearance when cured and surface roughness of minimum 0.09 microns.	with the bid.	
3	The coating should be compatible for potable water and certified by national government certified water laboratory. Documentary evidence for the same to be uploaded in Technical Envelope which is mandatory. The coating also shall ensure sustainability of hydraulic efficiency over longer period .	If the department still insist for coating, then NSF/WRC/WHO certified equivalent coating suitable for potable water should also be considered.	Tender Condition Prevails. Coating certified by NSF/WRC/WHO shall also be got certified from National Government certified Water Laboratory.
B	M/s. ARW Infra Projects Pvt Ltd.		
1	List of brand names are specified in Technical Specifications. Mather & Platt (Wilo), KBL, Jyoti, KSB, Flowmore	Procurement of a New Trimmer Pump: Acquire a new trimmer pump from the same manufacturer as the existing pumps in the pumping station.	Tender Condition Prevails.
2	Shut off head is specified in tender Specifications. Shut off head of the existing pumps is 25 Mtrs. The shut off head of the pump offered by the bidder shall be necessarily same as the shut off head of existing pumps i.e. 25 Mtrs. Similarly, the pump offered should have stable characteristics as that of existing pump. Both the conditions are needed to run the pump in parallel effectively and efficiently with the other pumps.	Matching Specifications: Ensure that the new trimmer pump has the same shut-off head and performance characteristics (performance curves) as the existing pumps.	Tender Condition Prevails.
3	Performance test is specified in tender Specifications “Test and inspection“	Field Acceptance Testing (FAT): Instruct the contractor to conduct a Field Acceptance Test. Should the pump fail to deliver the necessary flow or alter the flow characteristics of the other pumps, it should be rejected.	Tender Condition Prevails. The installed pump shall run in parallel effectively and efficiently with the other pumps.
4	For assessing the technical capacity of Regular, Routine and Maintenance works; Similar work shall mean, the completed work of of design, supply, installation, testing and commissioning of at least 41 MLD/ 110KW capacity Pump Set, along with allied electromechanicals equipments in BMC / Semi Govt. / Govt. / Public Sector organization.	Definition of Similar Work: For assessing the technical capacity of Regular, Routine and Maintenance works; Similar work shall mean, the completed works of Supply, installation, testing and commissioning of at-least 41 MLD/ 110KW capacity horizontal split case centrifugal Pump - Motor Set , along with allied electro-mechanicals equipment in BMC / Semi Govt. / Govt. / Public.	Tender Condition Prevails.

Sd/- 23/10/2024
A.E. (900 MLD P.S.) B.C.

Sd/- 23/10/2024
E.E. (P & A) M.V.B.C.

Sd/- 23/10/2024
Dy. H.E. (M & E) B.C.

Sd/- 23/10/2024
H. E.