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ROURKELA MUNICIPAL CORPORATION

QUOTATION CALL NOTICE

No. 1075 /2020

Date: 28.1.21

The Commissioner, Rourkela Municipal Corporation invites sealed quotations from authorised agencies/ firms/ manufacturers/dealers/ suppliers for "sludge pump" to be employed at Septage Treatment Plant, Balughat.

The start and end date of quotation is from 29/1/2021 to 05/2/2021 by 5:00 PM and will be opened on 06/2/2021 at 11:30 AM in the office chamber of the undersigned in the presence of the quotationer or their authorised agents who intend to attend. The rate to be quoted shall be inclusive of installation, handling and transportation/ delivery charges (exclusive of GST). No extra cost on any account whatsoever will be admissible. Conditional quotations will be rejected immediately. The rate should be written clearly and legibly without any errors or over-writing and both in figures and in words. In case of difference of rates or any ambiguity over rates, the rate written in words will be taken into consideration. Each quotationer should furnish an EMD of Rs. 2000/- in shape of DD in favour of The Commissioner, Rourkela Municipal Corporation, along with a non-refundable DD of Rs. 500 towards paper cost, in favour of Commissioner, Rourkela Municipal Corporation, copy of Firm Registration, GST Reg., PAN card. Certificate along with copy of previous such orders and credentials issued by any Govt. Office/ Organisation in favour of him/her/them. The sealed quotations must be super scribed on the cover as "Quotation for Sludge Pump". Further clarifications can be obtained from this office. The undersigned reserves the right to accept or reject any quotation without assigning any reason thereof.

Enclosed: Technical Specifications of Sludge Pump required



**Deputy Commissioner
Rourkela Municipal Corporation**

Memo:

10/b

Date:

28.1.21

Copy to: Notice of RMC, ADM, Rourkela, Sub-Collector, Rourkela, Tahsildar, Rourkela, EE, R&B, PHD for wide publication in their notice board.

Copy to: MIS, RMC for uploading to RMC website.



**Deputy Commissioner
Rourkela Municipal Corporation**

LIQUID DATA			PUMP DATA		
Liquid	Septage Sludge		Capacity	Normal	Units
Viscosity @ P.T.	500	cps	Differential Pressure	2.5	m³/hr
Temperature Opt/CIP	Ambient	°C	Rotational Speed	2.0	bar
Density	1020	kg/m³	Frequency	122	rpm
Solids	10 (TDS)	%	Power Required	50	hz
Solid Size	<7*	mm	Suction Condition	0.4	kw
Abrasion Class	No		Direction of Rotation	Flooded	
Vapour Pressure	NA	bar	Sliding Velocity (vgm)	CCW fom D.E	
NPSH (a)	NA	mlc	NPSH (r)	0.35	m/s
PH Value	Neutral			1.65	mlc
MATERIAL			PUMP CONSTRUCTION		
Pump Housing	Cast Iron		Suction Flange	DN65,PN16	
Rotating Parts	SS316		Discharge Flange	DN65,PN16	
Rotor	SS316 VCP-40deg		Suction Orientation	Vertical	
Stator	NEMOLAST@S62L		Discharge Orientation	Horizontal	
Shaft Seal	Gland Packing		Joint Type	B Joint	
Seal Plan / Scope	Not Applicable	Not Applicable	CIP Size/Orientation	No	No
SM Pin Joint Seal	S65L		Counter Piece-SMS/TCL	No	
O " Rings	S65L		Inspection Port	No	
Lantern	Cast Iron		Specific Standards	Not applicable	
Base Plate	Mild Steel		Special Certifications	Not Applicable	
DRIVE			ASSEMBLY		
Type	Geared Motor (Helical)		Construction	Block Construction	
Make-G.B/Motor	Nord	Nord-NFLP	Coupling Type	Block with Plug-in Shaft	
Efficiency Class	IE-2		Coupling Guard	Not Applicable	
Model No	SK01F-AL-90LH/4TF		Paint	Standard-RAL 7031	
Motor Pole	4		ADDITIONAL ACCESSORIES		
Rated Power (KW)	1.5		Dry Running Protection	Yes-NFLP (Temp.Switch)	
Speed-RPM G.R	122	11.57	Control Panel for STP-2A	Yes	
Supply	415 ± 5%/3Ph/50± 5 %		Pressure Relief Valve	No	
Mounting-G.B/Motor	B5-Flange	B5-Flange	Variable Frequency Drive	Yes-1.5kW	
Motor Enclosure	IP-55		Over Pressure Protector	No	
Insulation Class	F -Temp. rise limited to Class B		Foundation Bolts	Yes	
Area Classification	Safe Zone		Counter Flange	Yes	
Amb-Temperature	40		S.S Stator Bolts	No	