

**KERALA TRANSPORT DEVELOPMENT FINANCE
CORPORATION LIMITED**

**Construction of Shopping Complex at Kozhikode _ (Terminal Bus Station)- Supplying . Erection,
Testing and Commissioning of Pumps and Motors**

TENDER NO. 30/BOTP/KTDFC/2014

PART III

TENDER SCHEDULE

**KTDFC
TRANS TOWERS
THIRUVANANTHAPURAM – 14**

SPECIAL CONSULTANT

Name of work: Construction of KSRTC Bus Terminal at Calicut- Erection of Pump & Motors

Date:

Tender schedule							
SI no		Specification	Unit	Quantity	Quoted rate		Remarks
					In words	In figures	
1	(a)	<p>Design, Supply, erection, testing & commissioning of brand new best quality Electrical driven reputed brand Indian make (DP/Grundfos or equivalent) open well submersible pump conforming to IS 8032-2002 capable of delivery turbid raw water, solid handing 10-12 mm size, discharge 3LPS against a total head of 22 mtr. The pump should be with mixed flow type enclosed CI impeller and SS shaft, and motor should be capable of to operate with a voltage range of 280 V to 440 V bearing ISI mark with suitable sheet metal fabricated panel board, to fix all the installation including providing danger notice, in English and Malayalam as per IE rule, including best main switches for above motor, bearing ISI mark with firm, best quality star delta/ auto transformer starter of required capacity, best quality volt meter, selector switches, best quality ammeter of suitable range, indicator lamps with separate switches, single phase cum dry running preventer, power capacitor conforming IS 2384/64 100 mm size wall mounted type pressure gauge 1 no, heavy type suitable sluice valve, reflux valve, suitable earthing material, suitable wire material, best quality high grade submersible power cable, installing the pump & motor as per the guide lines laid down in IS 14536 with necessary accessories as non- return valve, water level indicator, water level guard etc including testing the pump set for the above discharge and head after erection work.</p> <p>(Dewatering pump from basement collection pit to external storm water drain)</p>	Each	3W+3S			

	(b)	Supplying, laying and testing suitable dia. PVC(10 kg/cm ²) pipe and Specials, for delivery side of pump set up to pumping main and interconnecting the existing pumping main with pump set, erection charges for all the items of above including fitting charges of accessories PVC pipes and specials and transportation charges to work site etc. complete.	Set	3 set			
2	(a)	Design, Supply, erection, testing & commissioning of brand new best quality Electrical driven reputed brand Indian make (DP/Grundfos or equivalent) open well submersible pump conforming to IS 8032-2002 capable of delivery turbid raw water, solid handling 10-12 mm size, discharge 12 LPS against a total head of 22 mtr. The pump should be with mixed flow type enclosed CI impeller and SS shaft, and motor should be capable of to operate with a voltage range of 280 V to 440 V bearing ISI mark with suitable sheet metal fabricated panel board, to fix all the installation including providing danger notice, in English and Malayalam as per IE rule, including best main switches for above motor, bearing ISI mark with firm, best quality star delta/ auto transformer starter of required capacity, best quality volt meter, selector switches, best quality ammeter of suitable range, indicator lamps with separate switches, single phase cum dry running preventer, power capacitor conforming IS 2384/64 100 mm size wall mounted type pressure gauge 1 no, heavy type suitable sluice valve, reflux valve, suitable earthing material, suitable wire material, best quality high grade submersible power cable, installing the pump & motor as per the guide lines laid down in IS 14536 with necessary accessories as non- return valve, water level indicator, water level guard etc including testing the pump set for the above discharge and head after erection work. (Transfer Pump from rain water collection tank to sump tank/ external storm water drain.)	Each	1W+1S			

	(b)	Supplying, laying and testing suitable dia. PVC(10 kg/cm ²) pipe and Specials, for delivery side of pump set up to pumping main and interconnecting the existing pumping main with pump set, erection charges for all the items of above including fitting charges of accessories PVC pipes and specials and transportation charges to work site etc. complete.	set	1 set			
3	(a)	Design, Supply, erection, testing & commissioning of brand new best quality Electrical driven reputed brand Indian make (Kirloskar/CRI/DP or equivalent) open well submersible pump conforming to IS 8032-2002 capable of delivery turbid raw water, solid handling 10-12 mm size, discharge 5 LPS against a total head of 22 mtr. The pump should be with mixed flow type enclosed bronze impeller and SS shaft, and motor should be capable of to operate with a voltage range of 280 V to 440 V bearing ISI mark with suitable sheet metal fabricated panel board, to fix all the installation including providing danger notice, in English and Malayalam as per IE rule, including best main switches for above motor, bearing ISI mark with firm, best quality star delta/ auto transformer starter of required capacity, best quality volt meter, selector switches, best quality ammeter of suitable range, indicator lamps with separate switches, single phase cum dry running preventer, power capacitor conforming IS 2384/64 100 mm size wall mounted type pressure gauge 1 no, heavy type suitable sluice valve, reflux valve, suitable earthing material, suitable wire material, best quality high grade submersible power cable, installing the pump & motor as per the guide lines laid down in IS 14536 with necessary accessories as non- return valve, water level indicator, water level guard etc including testing the pump set for the above discharge and head after erection work. (Transfer Pump from STP treated water tank to storm water drain.)	Each	1W+1S			

	(b)	Supplying, laying and testing suitable dia. PVC(10 kg/cm ²) pipe and Specials, for delivery side of pump set up to pumping main and interconnecting the existing pumping main with pump set, erection charges for all the items of above including fitting charges of accessories PVC pipes and specials and transportation charges to work site etc. complete.	set	1 set			
4	(a)	Design, Supply, erection, testing & commissioning of brand new best quality Electrical driven reputed brand Indian make (Kirloskar/CRI/DP or equivalent) open well submersible pump conforming to IS 8032-2002 capable of delivery turbid raw water, solid handling 10-12 mm size, discharge 5 LPS against a total head of 77 mtr. The pump should be with mixed flow type enclosed bronze impeller and SS shaft, and motor should be capable of to operate with a voltage range of 280 V to 440 V bearing ISI mark with suitable sheet metal fabricated panel board, to fix all the installation including providing danger notice, in English and Malayalam as per IE rule, including best main switches for above motor, bearing ISI mark with firm, best quality star delta/ auto transformer starter of required capacity, best quality volt meter, selector switches, best quality ammeter of suitable range, indicator lamps with separate switches, single phase cum dry running preventer, power capacitor conforming IS 2384/64 100 mm size wall mounted type pressure gauge 1 no, heavy type suitable sluice valve, reflux valve, suitable earthing material, suitable wire material, best quality high grade submersible power cable, installing the pump & motor as per the guide lines laid down in IS 14536 with necessary accessories as non- return valve, water level indicator, water level guard etc including testing the pump set for the above discharge and head after erection work. (Transfer Pump from sump tank to OH tank (Tower 1 & Tower 2))	Each	2W+2S			

	(b)	Supplying, laying and testing suitable dia. PVC(10 kg/cm ²) pipe and Specials, for delivery side of pump set up to pumping main and interconnecting the existing pumping main with pump set, erection charges for all the items of above including fitting charges of accessories PVC pipes and specials and transportation charges to work site etc. complete.	set	2 set		
5	(a)	Design, Supply, erection & commissioning of brand new best quality Electrical driven reputed brand Indian make (Kirloskar/CRI/DP or equivalent) open well submersible pump conforming to IS 8032-2002 capable of delivery turbid raw water, solid handling 10-12 mm size, discharge 3 LPS against a total head of 45 mtr. The pump should be with mixed flow type enclosed bronze impeller and SS shaft, and motor should be capable of to operate with a voltage range of 280 V to 440 V bearing ISI mark with suitable sheet metal fabricated panel board, to fix all the installation including providing danger notice, in English and Malayalam as per IE rule, including best main switches for above motor, bearing ISI mark with firm, best quality star delta/ auto transformer starter of required capacity, best quality volt meter, selector switches, best quality ammeter of suitable range, indicator lamps with separate switches, single phase cum dry running preventer, power capacitor conforming IS 2384/64 100 mm size wall mounted type pressure gauge 1 no, heavy type suitable sluice valve, reflux valve, suitable earthing material, suitable wire material, best quality high grade submersible power cable, installing the pump & motor as per the guide lines laid down in IS 14536 with necessary accessories as non- return valve, water level indicator, water level guard etc including testing the pump set for the above discharge and head after erection work. (Transfer Pump from sump tank to Admin. Block)	Each	1W+1S		

(b)	Supplying, laying and testing suitable dia. PVC(10 kg/cm ²) pipe and Specials, for delivery side of pump set up to pumping main and interconnecting the existing pumping main with pump set, errection charges for all the items of above including fitting charges of accessories PVC pipes and specials and transportation charges to work site etc. complete.	set	1 set			

I/We.....do agree to undertake to execute the work at the rate quoted above.

Name, Address, and Signature of the Quotationer