

PART XV :- CONSTRUCTION OF ELECTRIC WORKS OF CENTRIFUGAL PUMP FOR WATER SUPPLY SYSTEM in katchi BASTIES at JAISALMAR

ABSTRACT OF BOQ FOR CONSTRUCTION OF ELECTRIC WORKS OF CENTRIFUGAL PUMP FOR WATER SUPPLY SYSTEM in katchi BASTIES at JAISALMAR

AS PER PWD BSR 2008 JAIPUR CIRCLE ,ELECTRIC WORKS						
No	BSR Item No.	Item Description	Unit	Quantity	Unit Rate (Rs.)	Amount in Rs.
1	E110100	P/Laying P.V.C. insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I of Group2 of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, IInd class bricks covering, refilling earth, compaction of earth, making necessary connection, testing etc. as required of size.				
a)	E110111	PVC insulated, GI armoured, 1.1 kV grade Indoor and outdoor terminations of 120 sqmm x 3.5 C size of LT cables including gland, lugs etc.including kit etc.	m	100	551.88	55188
b)	E110108 C	Terminations of 50 sqmm x 3 C size power and control cables including gland, lugs etc.	m	125	219.00	27375
2		Local push button stations				0
a)		For clear water pumps	no	2		0
b)		Lighting fixtures, lighting panels, fan distribution boards, fans, sockets, etc.				0

3	E080101	SITC of wall/ free standing floor mounted dust and vermin proof compartmentalised cubical panel made out of CRCA sheet , required hardware ,duly painted by either two coats of zinc/ red oxide primer followed by two coats of synthetic enamel paint or powder coating in grey or required shade after rinsing . The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness , separate detachable gland plate M.S. base channel ,hinged door with locking arrangement for equipment/switchgear . Thickness of sheet shall not be less than 1.6 mm up to 600 mm length / width of any compartment and be of 2.0 mm above 600 mm. Load bearing structure shall be of 2.0 mm thick sheet supported by base M.S. channel if required . Side walls and cable alley compartments having bolted type doors with detachable extension type structure. (only outer area on all sides shall be measured)Powder coated / epoxy / PU painted with phosphatisation	SQM	6	1838.00	11028
4	E190411	P & F Mirror optics type fluorescent tube fitting fabricated from CRCA sheet and finished with powder coating,aluminium mirror reflector standard cross louvers complete with accessories like (OCCB, starter, starter seat)/ EB, condensor, rotor holder, terminal block duly prewired with copper conductor including making connection, testing etc. as required. (without tube)Surface mounting 1 X 36 Watts with OCCB	no	4	1695.00	6780
5	E190511	P & F Mirror optics type fluorescent tube fitting fabricated from CRCA sheet and finished with powder coating,having aluminium mirror reflector,low glare V shape double parabolic cross louvers,complete with accessories like (OCCB, starter, starter seat)/ EB, condensor, rotor holder, terminal block duly prewired with copper conductor including making connection, testing etc. as equired. (without tube) 2 X 36 Watts with OCCB,g-1	no	2	2930.00	5860
6	E170403	P & F double ball bearing capacitor start ceiling fan of approved make complete with regulator and other accessories as required. (for estimation purpose only)1200 mm sweep	no	4	1203.00	4812
7	E170903	P&F of Heavy duty capacitor start 900/1400 RPM single phase ISI marked Exhaust fan,IS:2312 marked in existing opening including making connections testing etc. as required.450 mm sweep(900 RPM)	no	4	3152.00	12608

8	E071300	P & F ISI marked (IS :1293) 3/6 pin 16 amp flush type socket including cutting hole in tile and making connection testing etc. as required.	no	6	46.00	276
9	E030203	Wiring of twin control light point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked steel conduit & it's accessories, round tiles,18 SWG M.S. box with earth terminal, screwless cage connectors for neutral looping in switch board & false ceiling point, 6 A two way switch, 3.0 mm thick phenolic laminated sheet, zinc plated / brass screws, cup washers, bushes, check nuts, making connections, testing etc. as required. Long point (up to 10 mtr..)	no	8	571.00	4568
		Total = Rs.	128495			

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Signature of the bidder