

Name of work :- CSR work for Construction of Auditorium hall at RSETI (Rural self-employment training Institute) at Bhujodi-Bhuj

SCHEDULE - B

It. No.	Description of Item	Qty	Rate		Unit		Amount
			In Fig.	In Words	In Fig.	In Words	
1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m						
A	All kinds of soil	48.77			M3	One Cubic meter	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	13.68			M3	One Cubic meter	
3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with with Cement mortar 1:6 (1 cement : 6 coarse sand)	19.51			M3	One Cubic meter	
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	48.77			M3	One Cubic meter	
5	Supplying and filling in plinth with sand under floors,including watering, ramming, consolidating and dressing complete	9.51			M3	One Cubic meter	
6	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering,shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer- in-charge."(Note :- Cement content considered in this item is @ 330 kg/cum."Excess/ less cement used as per design mix is payable/recoverable separately).						
A	All works upto plinth level	12.35			M3	One Cubic meter	
B	All works above plinth level upto floor V level	27.32			M3	One Cubic meter	

7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position Thermo-Mechanically Treated bars of grade Fe-500D or more.	5223.40			kg	One Kilo Gram,
8	Centering and shuttering including strutting, propping etc. and removal of form for all heights					
A	Foundations, footings, bases of columns, etc. for mass concrete	15.60			M2	One squire meter
B	Lintels, beams, plinth beams, girders, bressumers and cantilevers	29.64			M2	One squire meter
C	Columns, Pillars, Piers, Abutments, Posts and Struts	85.50			M2	One squire meter
D	Suspended floors, roofs, landings, balconies and access platform	95.09			M2	One squire meter
E	Weather shade, Chajjas, corbels etc., including edges	5.46			M2	One squire meter
9	Brick work with common burnt clay F.P.S. (non Cement mortar 1:6 (1 cement : 6 coarse sand)	31.96			M3	One Cubic meter
10	12 mm cement plaster of mix 1:4 (1 cement: 4 fine sand)	479.26			M2	One squire meter
11	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete					
a	Size of Tile 600x600 mm	103.58			M2	One squire meter
12	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) Sal Wood					
a	Sal wood	0.096			M3	One Cubic meter
13	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters					
a	30 mm thick including ISI marked Stainless Steel butt hinges.	4.80			M2	One squire meter

14	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side, having 12 mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, secondary sealant) etc. as per specifications, drawings sealant (Both primary and and direction of Engineer-in-charge complete.	5.40			M2	One squire meter
15	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P.brass/ stainless steel screws @ 200 mm centre to centre,including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, allcomplete as per requirement and direction of Engineerin-charge. (Orequirement and direction of Engineer-incharge.(Only weight of grill to be measured for payment) Size of Grill 1.50x1.20	19.28			Kg	One Kilo Gram
16	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinable	261.66			M2	One squire meter
17	Finishing walls with water proofing cement paint of required New work (Two or more coats applied @ 3.84 kg/10 sqm shade :	479.26			M2	One squire meter
18	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	3.60			M2	One squire meter
19	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	13.00			M2	One squire meter
20	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 250 x10mm	2.00			Each	Each
21	Providing and fixing bright finished brass handles with screws etc.complete: 125mm	4.00			Each	Each

22	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	2.00			Each	Each
23	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc.	2.00			Each	Each
Part-2 (Electrical)						
1	Supply at site 4 Core, LT armoured aluminium conductor XLPE cable of 1.1kV grade of following type & size as per Technical Specification No. 1.					
(a)	4 Core X 25 Sq.mm	50			Mtr.	One Runing meter
2	Laying of LT armoured aluminium conductor XLPE cable of 1.1kV grade of size 4 core, 25 Sq.mm through following type as per Technical Specification No. 2.					
(a)	Hard/Soft Soil	40			Mtr.	One Runing meter
(b)	On wall through saddles & clamps	10			Mtr.	One Runing meter
3	Providing & fixing M S finish Double Door MCB distribution board with following ways from incoming/outgoing with suitable common bus bar and neutral link arrangement as per Technical Specification No. 3.					
(i)	MCB DB – 8 ways					
(a)	Supply	1			No.	Each
(b)	Fixing	1			No.	Each
(ii)	MCB DB – 16 ways	1				
(a)	Supply	1			No.	Each
(b)	Fixing	1			No.	Each
4	Providing & fixing following type of MCBs of approved make in distribution board with all necessary wiring & connection as per Technical Specification No. 4					
(I)	40A, 415/440V, 4P (TPN) MCB					
(a)	Supply	2			Nos.	Each
(b)	Fixing	2			Nos.	Each
(II)	6 -32 A 230/250V DP MCB					
(a)	Supply	3			Nos.	Each
(b)	Fixing	3			Nos.	Each
(III)	6 -32 A 230/250V SP MCB					
(a)	Supply	10			Nos.	Each
(b)	Fixing	10			Nos.	
5	Providing & fixing following concealed wiring for single phase sub-circuit from the main switch /meter. DBs / MCBs to the switch board as per Technical Specification No. 5.					
(a)	With 3 x 2.5 sq.mm. copper conductor (single phase and neutral)/Earth	350			Mtr.	One Runing meter

(b)	With 3 x 4 sq.mm. copper conductor (single phase and neutral)/Earth	100			Mtr.	One Runing meter
6	Providing and Fixing concealed wiring for light/tube/bell point with PVC insulated single core standard 1.5 Sq.mm. copper conductor wire as per Technical Specification No. 6.	50			Nos.	Each
7	Providing and fixing concealed wiring for 5/6A X250 Volt. As per Technical Specification No. 7.					
(a)	Full plug point	10			Nos.	Each
(b)	Half plug point	10			Nos.	Each
8	Providing and Fixing concealed wiring for Fan point with PVC insulated single core standard 1.5 Sq.mm. copper conductor wire & single/twin module step cut electronic fan regulator as case may be as per Technical Specification No. 8.	20			Nos.	Each
9	Supply & Fixing of 4ft, LED Tube white Light Fixture of 20-22 Watt with complete accessories as per Technical Specification No. 9.					
(a)	Supply	40			Nos.	Each
(b)	Fixing	40			Nos.	Each
10	Supply & Fixing of 1200mm sweep ordinary ceiling fan with all accessories as per Technical Specification No. 10.					
(a)	Supply	14			Nos.	Each
(b)	Fixing	14			Nos.	Each
11	Supply & Fixing of 60 Watt LED Street light fixture with all accessories as per Technical Specification No. 11.					
(a)	Supply	6			Nos.	Each
(b)	Fixing	6			Nos.	Each
12	Supply of Hot press moulded SMC junction box with outer Dia 140 x 140 x 95 mm with left hinged door as per Technical Specification No. 12.					
(a)	Supply	6			Nos.	Each
(b)	Fixing	6			Nos.	Each
13	Preparation earthing station, chemical treated back filled compound earthing system with Pipe-In-Pipe 50 mm Dia GI type 2 Mtr Depth, Maintenance free. as per Technical Specification No. 13.	4			Nos.	Each
14	Providing & connecting following type earth wire for earth station to Main DB / Meter/SB as per requirement as per Technical Specification No. 14					
(a)	8 SWG GI earthing wire.	80			Nos.	Each
15	Providing and fixing concealed wiring, for 15/16A X250 Volt Power point as per Technical Specification No. 15.	5			Nos.	Each
16	Providing & fixing M S finish Double Door MCB distribution board with following ways from incoming/outgoing with suitable common bus bar and neutral link arrangement as per Technical Specification No. 16.					
(a)	Supply	1			Nos.	Each
(b)	Installation & Commissioning	1			Nos.	Each

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CONTRACTOR

**Executive Engineer (C),
Deendayal Port Authority**