

**ESTIMATE FOR ELECTRICAL WORK OF 3 SEATED PUBLIC TOILET AT EGRA SWARANAMAYEE GIRLS HIGH SCHOOL (H.S.) (Part-2),KASBA EGRA,WARD NO. - 06 UNDER EGRA MUNICIPALITY OF WEST BENGAL (MODEL- CT3)**

\* As per PWD & I & WD schedule district charges will be applicable on PWD & I & WD schedule items

\* No district charges will be applicable on non-schedule items

Sl No.	Item Description	Unit	Quantity	Rate	Amount	Remarks
1	<p>Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated &amp; unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (<b>Precision make</b>), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated &amp; unsheathed copper wire for ECC, to light/fan/call bell points with Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall complete with 2 no. suitable size "Ph &amp; N" copper bar incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. 175mmx100mmx65mm inspection box, making earthing attachment, painting the MS box and mending good the damages to original finish. [PWD Schedule Page No-E-14 Item No-2a]</p>	Point	17	630.36	10716.12	ADD DISTRICT CHARGES (3%)
	Average run 5 mtr					
2	<p>Distribution wiring in 1.1 KV grade 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated &amp; unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (<b>Precision make</b>), with 1.1 KV grade 1 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated &amp; unsheathed copper wire as ECC, to 5A 3 pin flush type plug socket &amp; Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. painting the MS box and mending good the damages to original finish <b>On Board (only for pay counter)</b> [PWD Schedule Page No-E-15; I-4a]</p>	Point	1	69.01	69.01	ADD DISTRICT CHARGES (3%)

Sl No.	Iteam Description	Unit	Quantity	Rate	Amount	Remarks
3	Supplying and fixing 240V 32A Double Pole AC Type 30mA RCCB.(Complete Set) (ISI marked) [Make- Legrand] (Cat No 4113/95) [ Legrand Page No-92 ]	Nos	1	5942.00	5942.00	NO DISTRICT CHARGES
4	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC [PWD Schedule Page No-E-14 Iteam No-1a(ii)]	mtr	14	122.57	1715.98	ADD DISTRICT CHARGES (3%)
5	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. a) For (2+4 way) (Make -Havells) [PWD Schedule Page No-D-9;Iteam No-13]	No	1	963.05	963.05	ADD DISTRICT CHARGES (3%)
6	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection 6-32A SP MCB (Make -Havells) [PWD Schedule Page No-D-6;Iteam No-7]	Nos	4	173.04	692.16	ADD DISTRICT CHARGES (3%)
7	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection. 40A DP MCB Isolator (Make -Havells) [PWD Schedule Page No-D-5;Iteam No-6]	Nos	1	214.24	214.24	ADD DISTRICT CHARGES (3%)

SI No.	Item Description	Unit	Quantity	Rate	Amount	Remarks
8	Supply of TMC501 conventional industrial batten (Philips make) LED Tube, model no- TMC501 P1NT-LED 22W P3241 (WB I & WD schedule P-113, I- 5:3 F.22)	Nos	4	455.51	1822.04	ADD DISTRICT CHARGES (1%)
9	Fixing only single/twin fluroscent light fitting complete with all accessories directly on wall/ceiling by screws etc.. [PWD Schedule Page No-C-2; Item No-14a]	Nos	4	88.58	354.32	ADD DISTRICT CHARGES (3%)
10	Supply & fixing Bulk head light fittings with die cast aluminium housing frosted/clear glass on wall/ceiling incl S/F 9 watt LED Lamp complete set. [Make - Havells] (PWD sch - Page--D-13, I-23)	Nos	6	671.37	4028.22	ADD DISTRICT CHARGES
11	Supply & fixing smart bright street light complete with all accessories to be fixed from the wall of building or on pole incl. making holes /providing clamping arrangement & necy. GI reducer as required. S&F 40 mm GI Pipe 1.5 mtr average length & s&f necy length of 1.5 sqmm pvc insulated single core copper wire & making connections as required & mending good damages incl wall paingting. (30 Watt) (Make - Bajaj) [WB I&WD sch P-111, I-f.9.0.2]	Nos	1	3046.16	3046.16	ADD DISTRICT CHARGES(1%)
12	Supply of 9" domestic metal exhaust fan 9" (225mm)SWEEP. TRANS AIR - (Make-Crompton/Havells/Bajaj) (UD & MA schedule P-14, I-5))	Nos	4	1863.00	7452.00	NO DISTRICT CHARGES

SI No.	Item Description	Unit	Quantity	Rate	Amount	Remarks
13	Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of following diameter: 22.5 cm (9")  [PWD Schedule Page No-C-4;Item No-28(b)]	Nos	4	254.41	1017.64	ADD DISTRICT CHARGES (3%)
14	Fixing only louver shutter/cowl on wall with necy. bolts & nuts (6 mm dia x 62 mm long) For 22.5 cm(9") Exhaust fan  [PWD Schedule Page No-C-4;Item No-30(b)]	Nos	4	84.46	337.84	ADD DISTRICT CHARGES (3%)
15	Supply of 240V A.C Ceiling Fan ( 48" sweep,1200 mm complete) [Make-Crompton [ for counter only] (UD & MA schedule P- 23, I- 70)	Each	1	2283.00	2283.00	NO DISTRICT CHARGES
16	Fixing only Ceiling Fan [PWD sch P- C-3, I-21(a)]	Each	1	67.98	67.98	ADD DISTRICT CHARGES (3%)
17	Supply & Fixing 240 V, 16/20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board incl. S & F 100x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required. (For Hand Dryer machine) [PWD sch P- E-6, I-17(b)]	Each	1	207.03	207.03	ADD DISTRICT CHARGES (3%)

Sl No.	Item Description	Unit	Quantity	Rate	Amount	Remarks
18	S/F 240V 25A Modular type starter (brand approved by EIC) with 25 A. Modular switch DP MCB (C-Curve) and 4 Module G.I. Modular type switch board with 4 Module Top Cover Plate flushed in wall incl. S/F switch board and Cover Plate and making necy. Connections with PVC Copper wire and earth connectivity wire etc. as per schedule [for Pump] [PWD Schedule Page No-E-19, Item No-17] (Please follow in details)	Nos	1	807.52	807.52	ADD DISTRICT CHARGES (3%)
19	Supply and Fixing of 2 mm Polyvinyl glow sign board made of 22 SWG GI sheet box with 1"X1" aluminum channel for fixing the vinyl board after necessary cutting the letter as required & s/f LED tube light fittings along with all accessories. (16 sqft @495.00/sqft) (UD & MA schedule P-14, I-4)	Nos	1	7920.00	7920.00	NO DISTRICT CHARGES
20	Earthing installation by GI earth Spike (1830 X 20 mm) including 8SWG GI Earth Wire & GI nuts, bolts, washer etc.	Nos	1	450.00	450.00	NO DISTRICT CHARGES
				Total	50106.31	
				Add 18% GST	9019.14	
				Total With GST (A)	59125.45	
				Cess@1%	591.25	
				total	59716.70	
				Contingency@3%	1773.76	
	Contingency Amount on "A"			Total	61490.46	
	(Total+GST)=Rs:			Say Rs.	61490.00	
<b>Service Connection Charges as per Quotation</b>						

Say Rs. 61,490.00

*[Signature]*  
25/02/25

S.A.E.

Egra Municipality  
Sub-Assistant Engineer  
Egra Municipality

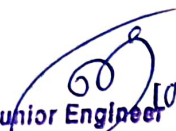
*[Signature]*  
Chairman

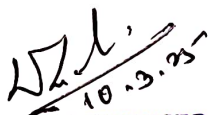
Egra Municipality  
Chairman  
EGRA MUNICIPALITY  
Egra, Purba Medinipur

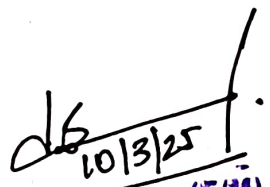
P.T.O.

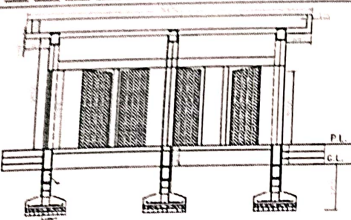
B.F. Rs. 61,490.00

Technically Vetted Rs. 61,490.00  
(Rupees Sixty one thousand four hundred ninety)

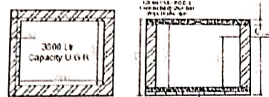
  
10.03.25  
Junior Engineer  
Electrical & Mechanical Division  
SUDA

  
10.3.25  
ASSISTANT ENGINEER  
ELECTRICAL & MECHANICAL DIVISION  
SUDA

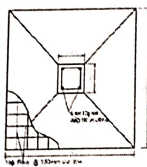
  
10/3/25  
Executive Engineer (E/M)  
O/O the Secretary M.E. Dte.  
Government of West Bengal



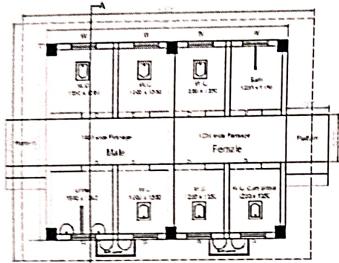
DETAILS OF WALL SECTION  
A-A



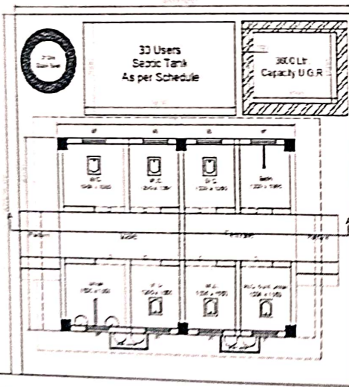
Under Ground Reservoir Details



DETAILS OF FOUNDATION  
(SCALE 1:25)



Ground Floor Plan



Water Supply

Area Statement

Builtup Area - 24.04 Sq.m.  
Roof Area - 35.31 Sq.m.

MKD.	Size	Reinforcement:		Stirrup
		Support	Span	
1B18E1	250x300	4#18	4#18	4#12 @ 150c/c
1B28E2	200x250	4#18	4#18	4#12 @ 150c/c
All Column	250x250	4#18	4#18	4#12 @ 150c/c

Door - Window Schedule

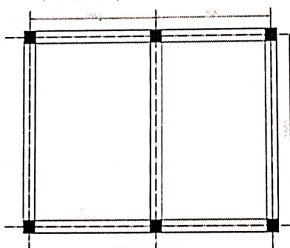
MKD.	Size
D	750x1800
W	600x450

Model Plan No. - CT-3

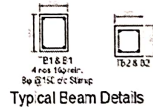
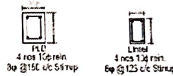
GENERAL NOTES

1. ALL DIMENSIONS ARE IN MM.
2. OUTER WALL IS 125 MM. TH. WITH 1ST CLASS BRICKS IN CEMENT MORTER(6:1) AND PARTION WALL IS 125MM. TH. IN CEMENT MORTER(4:1)
3. GRADE OF CONCRETE M-20 ORDINARY CEMENT CONCRETE (MIX):1.5:3)
4. GRADE OF STEEL:FE-510
5. 25MM. TH D.P.C(MIX):2:4) WILL BE APPLIED
6. PLASTERING: OUTSIDE-15MM. TH. IN CEMENT MORTER(1:6) INSIDE-15MM. TH. IN CEMENT MORTER(1:6) CEILING-10MM. TH. CEMENT MORTER(1:4)
- BEARING CAPACITY OF SOIL AT DEPTH 1M BELOW G.L. = 110 KN/M2. WHICH MUCH BE EXPLODED BEFORE CONSTRUCTION. REDRAWING & REDESIGN IS NESSESARY IS BEARRING CAPACITY OF SOIL IS POOR THEN ASSUMED.

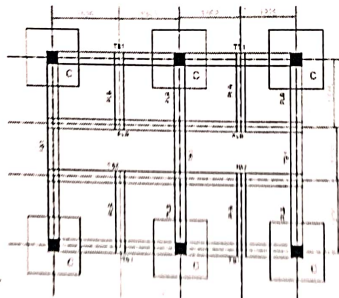
BHLP → 6  
TL → 4  
EF → 4  
OL → 0  
CF → 0  
GCSB → 17



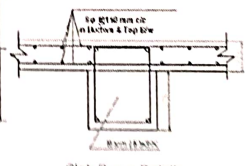
Slab Beam Details



Typical Beam Details



Foundation & Tie Beam Details



Slab Beam Details

*[Signature]*  
Chairman  
Municipality  
Egra - Puri, Odisha

Sub-Assistant Engineer  
Egra Municipality