

OFFICE OF THE PANCHAYAT SAMITI, DHAMNAGAR

At/Po-Dhamnagar, Dist- Bhadrak, e-mail - ori-dhamnagar@nic.in

Letter No. 57-3 / Date: 03.02.2024

DETAIL TENDER CALL NOTICE 09/BDO, DHAMNAGAR OF 2023-24

The Block Development Officer, Dhamnagar invites a sealed percentage rate tender in single cover system on behalf of Governor of Odisha from registered & eligible class of Civil contractor of the state PWD (R&B) Water resource/ Rural Works/MI/CP,W.D for the following works. The Block Development Officer, Dhamnagar reserves the right to reject any or all the tenders without assigning any reason thereof. Other details can be seen in Annexure-1.

Term & Condition

- 1. Cost of Tender Paper :-** The Tender Specification can be obtained from www.bhadrak.nic.in & payment towards the cost of Tender papers as mentioned (Non-Refundable) in shape of Demand Draft Term Deposit to be drawn in favour of Block Development Officer, Dhamnagar in any Nationalized Bank having its branch at Bhadrak on any working day on or from 03.02.2024 to 13.02.2024 for the above work
- 2. Date of receipt and mode of submission of Tender Papers:-** The tender papers have to be submitted as sealed tender papers in complete shape through Registered Post/ Speed Post only, directly sending it the BDO Dhamnagar in his official postal address. The last date of receipt of tender paper is 13.02.2024 up to 5.30 PM. The undersigned will not be responsible for postal delay if any non-receipt of the tender papers in time. The bidders must super scribe the name of the work project on the sealed envelope.
- 3. Date of Opening of Tender Paper:-** The tender paper shall be opened on 15.02.2024 at 12.30 AM in the presence of the bidders or in their authorized representative having written authorization for the purpose before the tender committee in the conference Hall of Dhamnagar Block Office
- 4. Documents to be attached: -** The following documents should be furnished with the tender paper failing which the tender will be liable for rejection.
 - (A) Self attested copy of contractor Registration Certificate.
 - (B) Self attested copy of PAN card/Certificate of GSTIN
 - (C) Demand Draft Term Deposit Receipt of Paper Cost & EMD.
 - (D) Self attested copy of caste certificate issued by competent authorities in case of SC/ST Contractors desirous of availing preference.
 - (E) The bidders must produce an original affidavit in support of the authenticity of documents attached with the tender papers.
 - (F) Joint venture consortium agreements are not allowed to participate tender.
- 5. Shortfall of any required documents and tender paper is liable for rejection.**
- 6. E.M.D 1% of tender value shall be pledged in favour of Block Development Officer along with the bids**
- 7. Additional Performance Security Deposit** The affidavit in support of APS will be submitted by the successful bidder for the cost of less quoted in percentage of the amount put to tender before signing of the agreement of the contract (Vide works Department letter No-16659/9/ dated-20.09.2022 Govt. of Odisha, Works Department) As per office memorandum No-6559 dated 06.06.2021 of Works Deptt. Govt. of Odisha modification to APS will be followed as detailed below:



Sl. No.	Range of Difference between the estimated cost put to tender & Bid amount	Additional performance Security to be deposited by the successful Bidder
1	Below 5%	No additional Performance Security
2	From 5% & above & below 10%	50% of (Difference between estimated cost put to tender & Bid amount)
3	From 10% & above	50% of (Difference between estimated cost put to tender & Bid amount)

8. Submission of more than one tender paper by bidder for a single work will be liable for rejection of all such tender papers.

9. The Block Development Officer, Dhamnagar are the right to reject any or all the tenders without assigning any reason thereof. Other details can be seen in the bidding documents.

10. If rate quoted by the bidder the count put to tender, then such a bid shall be rejected & all the tenders shall be finalized basing of merits of rest bids. But if more than one bid is quoted (decimal up to two numbers will be taken for all practical purposes) either all the estimated cost put to tender or less than the estimated cost put to tender, the tender accepting authority will finalize the tender through a transparent lottery system, where all bidders/ their authorized representative, the concerned SE/Executive Engineer of concerted Division DAO will remain present vide works Deptt. OM No- 1437 dated-31/01/2023

11. No Tender paper shall be received through Drop Box or Courier Services & tender paper received through Drop Box or Courier Services shall be liable for rejection.


 Block Development Officer
 Dhamnagar

Memo No- 574

Date- 03.02.2024

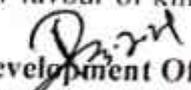
Copy submitted to the Director, I & PR, Govt. of Odisha, Bhubaneswar for kind information.


Block Development Officer
Dhamnagar

Memo No- 575

Date- 03.02.2024

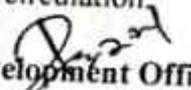
Copy Submitted to The Collector & DM, Bhadrak/CDO-cum-EO, ZP. Bhadrak/ DWO, Bhadrak/ District Planning Officer, Bhadrak/DI&P.R.O, Bhadrak for favour of kind information & necessary action.


Block Development Officer
Dhamnagar

Memo No- 576

Date- 03.02.2024

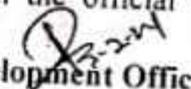
Copy forwarded to EE, Bhadrak/ EE, RWS & S. Bhadrak, EER & B Divison, Bhadrak/ EE.M.I. Divison, Bhadrak EER.W Divison, Bhadrak All BDOs of Bhadrak District/ Tahasildar, Dhamnagar/ HC, Dhamnagar, Dhamnagar PS/ CDPO, ICDS, Dhamnagar for information & necessary action with request to display in their Notice board for wide circulation


Block Development Officer
Dhamnagar

Memo No- 577

Date- 03.02.2024

Copy forwarded to The DIO, NIC, Bhadrak for information with a request to upload the detail tender call notice, tender schedule and the bid documents in the official website of Bhadrak i.e. www.bhadrak.nic.in


Block Development Officer
Dhamnagar

Memo No- 578

Date- 03.02.2024

Copy to Office Notice Board & C.P, Dhamnagar Block to assist for uploading the DTCN & bid documents at NIC, Bhadrak.


Block Development Officer
Dhamnagar

OFFICE OF THE PANCHYAT SAMITI, DHAMNAGAR

At/Po-Dhamnagar, Dist- Bhadrak, e-mail - ori-dhamnagar@nic.in

Letter No.....529...../ Date: 02.02.2024...../

Tender for Construction of Office Building with Market Complex for Grama Panchayat Level Federation (GPLF)

1. Name of the Work :- Const. of Office building with Market complex for Grama Panchayat Level Federation (GPLF)
2. Total No. of Work :- 6 No.s
3. Approximate Estimated Cost :- As per DTCN
4. Class Contractor :- C&B
5. Period of Completion :- Six Calendar Months
6. Other Details :- The Details are as follows

Sl. No.	Bid Identification No.	Available Tender On- line for bidding		Last date for receipt of Bids	Date & Time of Opening of Bid
		From	TO		
	PSD-01 /2023-24 to PSD-06/2023-24	03.02.2024 10.00 AM	13.02.2024 5.30 PM	13.02.2024 5.30 PM	15.02.2024 12.30 PM

7. Further details can be seen from the website portal <https://www.bhadrak.nic.in>
8. Any other changes/ Corrigendum/Addendum may be seen only in website www.bhadrak.nic.in

Memo No. _____ date- _____

Copy forwarded to the Manager (Publication) I & PR Department, Government of Odisha, Bhubaneswar with a request to get it published in 2(two) No's of leading Odia daily & 1 (one) no of Local English daily Newspaper at an early date for wide circulation. The Complementary Copy of the newspaper containing the Tender call notice may be sent to this office for reference & record.


Block Development Officer
Dhamnagar

ANNEXURE-1

SL. NO.	BID IDENTIFIC AION NUMBER	NAME OF THE WORK	APPROXL EST COST TO TENDER	CLASS OF CONTRA CTOR	EMD(1%) Approx	COST OF TENDER PAPER	TIME OF COMPLETION
1.	PSD-01/2023-24	Construction of office building with market complex for GPLF building at Dalanga GP	25,02,352.92	'C' & 'B'	Rs.25,000/-	Rs.6,000/-	SIX CALENDER MONTH
2.	PSD-02/2023-24	Construction of office building with market complex for GPLF building at Dhusuri GP	25,22,557.53	'C' & 'B'	Rs.25,000/-	Rs.6,000/-	SIX CALENDER MONTH
3.	PSD-03/2023-24	Construction of office building with market complex for GPLF building at Raipur GP	25,53,362.15	'C' & 'B'	Rs.25,000/-	Rs.6,000/-	SIX CALENDER MONTH
4.	PSD-04/2023-24	Construction of office building with market complex for GPLF building at Sohada GP	25,02,352.92	'C' & 'B'	Rs.25,000/-	Rs.6,000/-	SIX CALENDER MONTH
5.	PSD-05/2023-24	Construction of office building with market complex for GPLF building at Gadiali	25,02,352.92	'C' & 'B'	Rs.25,000/-	Rs.6,000/-	SIX CALENDER MONTH
6.	PSD-06/2023-24	Construction of office building with market complex for GPLF building at Palasahi GP	25,02,352.92	'C' & 'B'	Rs.25,000/-	Rs.6,000/-	SIX CALENDER MONTH

Block Development Officer
Dhamnagar

Govt. of Odisha
Panachayati Raj & DW Department



Block Development Officer
Dhamnagar
Dist-Bhadrak

Name of the work

Details Estimate for Construction of
GPLF Building at DHUSURI , G.P-
DHUSURI, Block-Dhamnagar, Dist-
Bhadrak

Estimated Cost :

Rs. 30,24,080.43

Rupees (Tharty Lakhs)Only

Year :

2023-24

T.S.No. 127/23-24

REPORT :

Name of the work : Details estimate for Construction of GPLF Building at DHUSURI , G.P-DHUSURI, Block-Dhamnagar, Dist-Bhadrak

Estimated Cost : Rs. 30,24,080.43

Rupees (Tharty Lakhs)Only

Year : 2022-23

Sanction order No: MS-ME-INFRA-0001-2023-4777

Dt.-20.11.2023

Deptt. of Mission Shakti, Govt. of Odisha

In this estimate, necessary RCC frame structure has been adopted for the buildings using standard specifications. The Plinth height should be 1050mm from GL level & following provisions has been provided in this estimate.

- 1 RCC frame structure with Pile Foundation has been adopted
- 2 RCC M20 grade concrete as per IS 456 2000
- 3 Fly ash Bricks massory work in C.M(1:6) for Foundation and Plinth
- 4 Fly ash Bricks in C.M(1:6) for superstructure
- 5 MS reinforcement of grade Fe415
- 6 12mm CP in cm (1:6) for outside , 16mm cp in cm(1:6) for inside and 6mm CP in cm(1:4) with close deep chipping for RCC work
- 7 inside wall finished with 2 coat Distemper, where as outside wall finished with weather coat paint.
- 8 MS grill finished with 2 coat enamel paint over 1 coat red oxide primer
- 9 Floor finished with AS Flooring, whare as Toilet Floor & Toilet Wall finished with Floor tiles & Glazed wall tiles respectively.
- 10 20mm grading Plaster over roof slab

The estimate has been framed basing upon the current Schedule of Rates - 2022. The detailed OPWD code shall be followed during course of execution of the project.

The feasibility of the project has been verified by the concerned Asst. Engg/JE & Asst. Executive Engineer. The project will be completed within the estimated cost in all respect.


JE
Junior Engineer
Dhamnagar Block


Asst. Executive Engineer
Dhamnagar Block


BDO DHAMANAGAR BLOCK
Block Development Officer
Dhamnagar

**General Abstract of cost for Construction of GPLF Building at DHUSURI ,
G.P-DHUSURI, Block-Dhamnagar, Dist-Bhadrak**

Sl.	DESCRIPTION			AMOUNT	
				(Rs.)	
a	PART(A) - CIVIL COST			Rs.	23,35,107.12
b	PART(B) - INTERNAL ELECTRIFICATION COST			Rs.	84,798.78
c	PART(C) - PHD & SANITATION COST			Rs.	1,02,651.63
	Sub Total (A)			Rs.	25,22,557.53
	Add CGST	9.00%		Rs.	2,27,030.17
	Add SGST	9.00%		Rs.	2,27,030.17
	Sub Total (B)			Rs.	29,76,617.87
	Consultant fees 1.00%			Rs.	29,766.00
	Add Sign board			Rs.	5,000.00
	Add Works Contingency			Rs.	12,696.56
	Grand Total (C)			Rs.	30,24,080.43

Rupees (Tharty Lakhs)Only


Junior Engineer
Dhamnagar Block

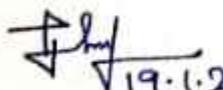

Asst. Executive Engineer
Dhamnagar Block

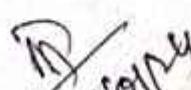

Block Development Officer
Dhamnagar

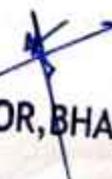
T.S.No. 127/99-24

Technically sanctioned for Rs. 32,00,000.00
(Rupees thirty lakh 5 only
.....)only

Administratively Approved
for Rs. 30,00,000.00
(Rupees thirty lakh only
.....)only


Asst. Executive Engineer
Zillaparishad, Bhadrak


Addl. Executive Officer (Tech.)
Zilla Parishad, Bhadrak


COLLECTOR, BHADRAK

Abstract of cost for Construction of GPLF Building at DHUSURI , G.P-DHUSURI, Block-Dhamnagar, Dist-Bhadrak

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-A (CIVIL)					
1	Foundation excavation in Earth work in hard soil within 50m. Initial lead and 1.5m Initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department etc. complete.etc. complete as per direction of Engg-in-Charge .	24.690	Cum.	210.96	5,208.60
2	Filling foundation and plinth with sand and well watered and rammed including cost, conveyance and royalty etc complete as per direction of Engg.-in-Charge.	82.600	Cum.	1,079.17	89,139.44
3	Cement concrete (1:3:6)with 40mm size CBHG metal including cost, conveyance and royalty etc. complete as per direction of Engg.-in-Charge.	12.870	Cum.	6,184.16	79,590.14
4	Cement Concrete (1:2:4) with 12 mm size broken hard granite chips for R.C.C. works including hoisting and laying etc. complete as per direction of Engg-in-Charge .	0.100	Cum.	8,419.71	841.97
5	Fly Ash Brick masonry in c.m. 1:6 in F & P including cost,conveyance and royalty of materials curing etc. complete. as per the direction of the Engineer-in-charge.	22.390	Cum.	5,271.67	1,18,032.69
6	1" thick D.P.C with C.C(1:2:4) using 12mm. Chips etc. cpmplete as per direction of Engg-in-Charge .	43.630	Sqm.	324.03	14,137.43
7	1st class Fly Ash brick masonry work in superstructure thoroughly soaked in water, with cement mortar (1:6) including scaffoldings ,racking out joints, curing etc complete as per specification/drawing and as per the direction of the Engineer-in-charge.				
	(i) Ground Floor	34.270	Cum.	5,305.00	1,81,802.35
8	Providing and Laying reinforcement Cement concrete (M-20) with 20 mm and down graded chips including cost all materials,labours,T & P,curing etc complete (excluding the cost of reinforcement & Centering, shuttering) as per direction of Engineer-in-charge.				
	i Column Footing / Pile Cap	12.460	Cum.	7,044.28	87,771.73

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	ii	Plinth Beam	4.990	Cum.	7,870.39	39,273.25
	iii	Beam & Column				
	a	Ground Floor	11.500	Cum.	14,857.92	1,70,866.08
	iv	65mm avg. Chajja				
	a	Ground Floor	10.035	Sqm.	1,161.91	11,659.77
	v	Roof Slab				
	a	Ground Floor	15.790	Cum.	13,299.84	2,10,004.47
	vi	Lintel				
	a	Ground Floor	2.570	Cum.	14,094.00	36,221.58
9		Single under reamed pile foundation with RCC M20 using 25mm and down graded size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel. etc. complete 300mm pile - 6.00m long	37	Pile	5,779.62	2,13,845.82
10		Supplying, fitting and placing uncoated HYSD bar reinforcement complete in proper position including cost of binding wire 18 to 20 gauge as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	70.000	Qtl	8,903.21	6,23,224.70
11		12mm cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	168.550	Sqm	161.80	27,271.39
12		16mm thick cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	300.740	Sqm	229.35	68,974.72
13		6mm.thick cement plaster with C.M(1:4) to RCC surface including closed deep chipping and slury treatment etc. complete as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	139.460	Sqm	175.50	24,475.23
14		2.5cm. thick A.S.Flooring with C.C.1:2:4 using 12mm. size HBG crusher broken chips including punning, cost, conveyance and royalty of materials curing etc. complete as per direction of Engg.-in-Charge				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	(i) Ground Floor	99.760	Sqm	384.69	38,376.67 ✓
15	Cement punning including cost, conveyance of cement and curing etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	18.670	Sqm	53.17	992.68 ✓
16	Fixing Granite tiles of size above 0.4 Sqm. (20mm. thick) in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades Includind cost for rubbing, polishing & cost of marbel tiles etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	0.750	Sqm	3,117.77	2,338.33 ✓
17	Fixing granite tiles of 0.10 Sqm. & upto 0.4 Sqm. (10mm. thick) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades includind cost for rubbing, poloshing complete excluding cost of tiles etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	0.900	Sqm	2,342.37	2,108.13 ✓
18.	Wall Priming one coats on new work with wall water bound primer of approved shade as per direction of Engg-in-Charge .				
	(i) Ground Floor	566.860	Sqm	65.11	36,908.25 ✓
19.	Wall painting two coats on new work with Distemper of approved shade etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	372.130	Sqm	76.02	28,289.32 ✓
20.	Wall painting two coats on new work with Weather coat paint of approved shade as per direction of Engg.-in-Charge.				
	(i) Ground Floor	204.570	Sqm	83.95	17,173.04 ✓
21.	Supplying and fixing of steel M.S. grill with all fitting and fixtures including cost of cutting holes in the brick masonry and R.C.C. columns and making good to damage etc, as per direction of Engineer -In -charge.				
	(i) Ground	971.963	Kg.	101.40	98,557.00 ✓

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
22	Emel Painting two coats with enamel paint over one coat of primer of approved quality etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	62.290	Sqm	276.29	17,210.10
23	Fixing Floor tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades Includind cost for rubbing, polishing & cost of marbel tiles etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	8.410	Sqm.	1,075.45	9,044.53
24	Fixing Ceramic Glazed wall tiles in dados skirting and risers of stepson 12 mm thick cement plaster(1:3) jointed with neat cement slurry mixed with pigments to matche shade of the tiles including rubbing and polishing complete as per direction of Engineer-in-charge.				
	(i) Ground Floor	23.220	Sqm.	1,257.88	29,207.97
25	Fixing industrial Chequered tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades includind cost for rubbing, polishing & cost of tiles etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	2.250	Sqm.	1,206.96	2,715.66
26	12mm. thick cement plaster in c.m. 1:4 over brick masonry including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .				
	i Ground Floor	12.240	Sqm.	174.95	2,141.39

SI.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
27	Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitered cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-in-charge.				
	i Ground Floor	2.870	Sqm.	4,908.02	14,086.02 ✓
28	20mm. thick grading plaster in c.m. 1:4 over roof slab and chujja including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .				
	i Ground Floor	131.970	Sqm.	254.74	33,617.38 ✓
				Subtotal (A)	Rs. 23 ,35 ,107.12 ✓



Junior Engineer
Dhamnagar Block



Asst. Executive Engineer
Dhamnagar Block



Block Development Officer
Dhamnagar

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-B (ELECTRICAL)					
29	Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 V modular type switch ISI marked and ceiling rose ISI marked mounted on MS box having front modular cover of suitable size , MS modular box with 1.0 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	i Group-A	6.000	Point	500.23	3,001.38
	ii Group-B	6.000	Point	745.57	4,473.42
	iii Group-C	7.000	Point	1,054.51	7,381.57
30	Supplying and fixing of following MODULAR type Bell push on the existing switch box / cover including connections etc as required. as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	Ground Floor	2.000	Point	137.98	275.96
31	Recessed wiring to submain in 2 x 2.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as required.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	12.000	mt	147.92	1,775.04
32	Recessed wiring to submain in 2 x 4 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as required.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	Ground Floor	12.000	mt	165.13	1,981.58
33	Recessed wiring to Supply and fixing of 01 no.sof 3pin 5/6 amp modular socket and S.P. 5/6 amp one way modular switch, 1 no. of 5 pin 15/16 socket out let and S.P. 15/16 A one way modular switch on Modular G.I. Box with Modular Base and cover. (Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	3.000	Point	1,043.86	3,131.58
34	Supplying and fixing of following MODULAR type switch / socket on the existing switch box / cover including connections etc as required (Modular type).(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	6.000	Point	111.61	669.66
35	Supplying and fixing of Call Bell / Buzzer ISI marked suitable for DC /AC single phase 230 volts complete as required (Make of wire Finolex/L&T/ Anchor/ Havels/V Guard)				
	Ground Floor	1.000	No	125.08	125.08
36	Supply and fixing of following way single pole and neutral, sheet steel, MCB distribution board consumer unit, 240 V on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, hinged front acrylic covr for the MCB knobs detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (But with out MCB / RCCB / Isolator) 8WAY (8 + 18) DOUBLE DOOR, HORIZONTAL TYPE				
	Ground Floor	1.000	No	1,641.68	1,641.68
37	Supply and fixing of 5Amp to 32A rating 240V "B/C" series MCB suitable for lighting and other loads of the following poles in the exiting MCB DB ISI marked complete with connections testing and commissioning etc. as required.(make-HPL/ Havells/ Legrand /L&T/C&S)				
	Ground Floor	8.000	No	134.24	1,073.92

Sl .	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
38	G.I. Earth Pipe electrode with out salt / charcoal Earthing with G.I earth pipe 3 meter long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangment and watering pipe etc (but with out charcoal and salt) as required				
		1.000	No	2,368.55	2,368.55
39	Salt / charcoal for pipe earth electrode Copper Earth Plate electrodeExtra for using salt and charcoal for G.I or copper pipe earth elctrrode as required.(make-HPL/ Havells/ Legrand /L&T/C&S)				
		1.000	No	469.29	469.29
40	S/F of 1200mm High Speed Ceiling fan Alluminium Body, Copper winding, High speed ceiling fan (Make-Crompton Model-Riviera High Speed, Polycab Model-Vital, Polar Model-Winpro) etc.				
	Ground Floor + 1st Floor	7.000	No	2,965.53	20,758.71
41	S/F of 8" PLASTIC VENTILLATING FAN exhaust fan (Make-Crompton Model-Jura, Polycab Model-Vital, Polar Model-Winpro) etc.				
	Ground Floor	2.000	No	1,885.05	3,770.10
42	S/F of 1x18 Watt LED T-5 fitting(Make-Crompton/Philips/Havells/Bajaj)				
	Ground Floor + 1st Floor+2nd floor	8.000	No	711.61	5,692.88
43	S/F of 60 W LED Street light fitting(Make-Crompton/Philips/Havells/Bajaj)				
		1.000	No	7,031.23	7,031.23
44	S/F OF TP & N SFU IN CUBICAL PANEL BOARD Providing and fixing of following capacity TP& N disconnecter fuse switch unit inside existing cubical panel board with ISI marked HRC fuses including drilling holes in cubical pannel, makinfg connection as required etc, complete 63 Amp TP & N				
		1.000	No	2,606.11	2,606.11

SI.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
45	MV cable laying up to 25 sq.mm on surface Laying and fixing of one number of PVC insulated and PVC seathed / XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm on surface as required.	20.000	mt.	256.91	5,138.20
46	Providing and fixing M.V danger board of 250 mm x 200 mm made mild steel at least 2 mm thick and vitreous enameled white on both sides and with inscription in single red colours on front side as required.	1.000	Each	157.68	157.68
47	S/F of 20 Watt LED Square surface mount fitting (Make- Havells/Philips/C&S/Crompton) of all sizes complete with all accessories and tube etc. directly on ceiling wall, including connection with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor and earthing as required.	7.000	Each	1,610.74	11,275.18
				Subtotal (B)	Rs. 84,798.78


Junior Engineer
Dhamnagar Block


Asst. Executive Engineer
Dhamnagar Block


Block Development Officer
Dhamnagar

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-C (PHD & Sanitation)					
48	Cutting holes through existing brick work including making good the same in cement mortar (1:4) for taking GI/PVC pipes and fittings etc all complete as per Engg.-in- charge. 250mm wall				
	All Floor	4.000	Hole	57.60	230.40
49	Cutting holes in R.C.C floors and roos upto 19cm thick for passing G.I/P.V.C pipes and fitting etc. and preparing the holes after insertion of pipe etc. with cement concrete 1:2:4 including finishing complete so as to make it leak proof as per Engg.-in- charge.				
	All Floor	4.000	Hole	178.00	712.00
50	Cutting grooves in pucca floors and walls for taking GI/PVC pipes and making good the damages as per specification etc complete as per Engg.-in- charge.				
	All Floor	3.000	Mt	227.90	683.70
51	Providing and fixing on wall face unplasticised Rigid PVC soil, waste and rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes complete as per direction of Engineer-in-Charge				
	i 75mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	3.000	Mt	218.23	654.69
	ii 90mm OD P.V.C. SWR S/S Pipe (ISI type-A)(for rain wa				
	All Floor	6.000	Mt	278.45	1,670.70
	iii 110mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	6.000	Mt	344.38	2,066.28
52	Laying in trenches unplasticised PVC pipes IS:4985-2000 and specials of the following outside diameter for all classes including jointing with supply of approved solvent cement by heat application method including testing as per specification complete. (Earth work in trenches to be measured and paid for separately)				

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	i	125mm dia rigid UPVC pipe Class -3 (0.60Mpa)				
		All Floor	5.000	Mt	747.07	3,735.35
53	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge					
	i	20mm dia pipe				
		All Floor	12.000	Mt	266.72	3,200.64
	ii	25mm dia pipe				
		All Floor	6.000	Mt	361.86	2,171.16
54	Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansios etc complete as per direction of Engineer-in-Charge					
	A PVC SWR coupler					
	i	75 mm dia PVC SWR coupler				
		All Floor	2.000	Each	102.76	205.52
	ii	90 mm dia PVC SWR coupler				
		All Floor	2.000	Each	143.40	286.80
	iii	110 mm dia PVC SWR coupler				
		All Floor	2.000	Each	163.79	327.58
	B Single tee with door					
	i	75 x 75 x 75mm dia PVC SWR Tee				
		All Floor	2.000	Each	170.88	341.76
	ii	90 x 90 x 90mm dia PVC SWR Tee				
		All Floor	2.000	Each	239.75	479.50
	iii	110 x 110 x 110mm dia PVC SWR Tee				

Sl .	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	302.70	605.40
C	SWR Plain Bend 87.5°				
i	75mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	108.73	217.46
ii	90mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	121.81	243.62
iii	110mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	196.04	392.08
D	SWR Plain Door Bend 87.5°				
i	75mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	136.30	272.60
ii	90mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	180.63	361.26
iii	110mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	236.82	473.64
55	Fixing 100mm size 'P' or 'S' trap (with horn or without horn) for water closet squatting pan including jointing the trap with pan in cement mortar (1:1) as per specification. etc complete as per direction of Engineer-in-Charge				
i	'P' trap (with horn or without horn)				
	All Floor	2.000	Each	438.45	876.90
56	Fixing water closet, squatting pan (Indian type W.C pan) conforming to IS 2556 : Part 3-2004 duly embedded in cement concrete (1:4:8) using hard granite metal 4cm nominal size all complete as per specification all etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	3,481.97	3,481.97
57	Fixing wash down water closet (European type WC) with integral 'S' and 'P' trap to the floor with wooden plug and chromum plated screw including jointing the trap including eat cover all etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	3,653.28	3,653.28

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
58	Fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers all complete as per specification etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	743.03	743.03
59	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixers etc. complete as per direction of Engg. in charge.				
	All Floor	2.000	Each	2,057.52	4,115.03
60	Fixing Wash Basin with hole for pillar type with cast iron or M S bracket painted white including cutting holes in the walls and making good the damages etc. complete as per direction of Engg. in charge. Porcelain 22"x 16"(550x400) W.H.B				
	All Floor	2.000	Each	2,737.51	5,475.02
61	Fixing bowl pattern urinal conforming to IS 2556 : Part 6-1996 including connecting the urinal of 430x260x350 mm or 340x410x265 mm sizes respectively with waste pipe by means of white lead mixed with chopped hemp etc all complete as per specification.etc. complete as per direction of Engg. in charge Porcelain Flat back stall type magnum Urinal				
	All Floor	1.000	Each	6,226.18	6,226.18
62	Fixing glazed earthenware squatting plate of size 600mm x 350mm conforming to IS:2556- Part-6-1995 with integral longitudinal flushing pipe including embedding the plate in 25mm cement mortar (1:8) laid over 150mm cement concrete (1:4:8) using 40mm hard granite metal all complete as per specification etc. complete as per direction of Engg. in charge. One-seated Urinal 1m x 0.50m x 0.15m size				
	All Floor	3.000	Each	2,895.24	8,685.72
63	Fixing PVC waste pipe of following nominal diameter for wash basin or sink including brass check nut complete as per specificationetc. complete as per direction of Engg. in charge.				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	442.92	885.84
64	Fixing 15mm dia PVC Inlet connection pipe and making connection with pillar cocks and supply mains for wash basin complete as per specification etc. complete as per direction of Engg. in charge.				
	All Floor	8.000	Each	110.24	881.92
65	Fixing of Brass Screw-down Bib Cocks (Taps) polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm Short Body Bib Cock				
	All Floor	2.000	Each	1,152.07	2,304.14
	ii 15mm Long Body Bib Cock				
	All Floor	2.000	Each	1,163.07	2,326.14
66	Fixing of Brass Screw-down Angle/Counseales stop cock Cocks polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia CP Brass Angle Stop Cock				
	All Floor	8.000	Each	1,010.95	8,087.60
	ii 20mm dia CP Brass Concealed Stop Cock				
	All Floor	2.000	Each	1,194.05	2,388.10
67	Fixing of Brass 15mm dia CP flange of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia CP flange				
	All Floor	14.000	Each	249.10	3,487.40
68	Fixing Bib Cock capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of the following nominal bore as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia C.P. Pillar cock with swinging spout				
	All Floor	2.000	Each	1,383.83	2,767.66
	ii C.P.revolving shower (bend type)				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	599.17	1,198.34
iii	CP Health Foucet with 1.0 mtr PVC Tube				
	All Floor	2.000	Each	760.16	1,520.32
69	Fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C sheet or plywood sheet and fixed to wooden plugs with chromium plated brass screws and washers complete as per specificationetc. complete as per direction of Engg. in charge.				
i	600mm x 450mm bevelled edge mirror				
	All Floor	2.000	Each	869.91	1,739.82
70	Fixing standard sized glass-shelf with Chromium Plated brass brackets and guard rails complete, fixed to woden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
i	C.P. glass self with glass				
	All Floor	1.000	Each	717.58	717.58
71	Fixing standard sized Chromium Plated brass towel rail complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws, complete as per specification. complete as per direction of Engg. in charge.				
i	C.P. towel rail.(600x20)mm				
	All Floor	1.000	Each	1,070.74	1,070.74
72	Fixing (a) Liquid Soap Container – Glass container or Plastic container with Chromium Plated brass lid and brackets fixed to wooden plugs with Chromium Plated brass screws or (b) Chromium Plated brass soap dish complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws or (c) white glazed tooth brush holder fixed to wooden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
i	C.P Soap holder/disc.				
	All Floor	4.000	Each	318.03	1,272.12

Govt. of Odisha
Panachayati Raj & DW Department



Block Development Officer
Dhamnagar
Dist-Bhadrak

Name of the work

Detail Estimate of Construction of
GPLF Building at Gadhiali , G.P-
Gadhiali, Block-Dhamnagar, Dist-
Bhadrak

Estimated Cost :

Rs. 30 ,00 ,000.00

Rupees (Tharty Lakhs)Only

Year :

2023-24

T.S.No. 130/23-24

REPORT :

Name of the work : Details estimate for Construction of GPLF Building at Gadhiali ,
G.P-Gadhiali, Block-Dhamnagar, Dist-Bhadrak

Estimated Cost : Rs. 30,00,000.00

Rupees (Tharty Lakhs)Only

Year : 2022-23

Sanction order No: MS-ME-INFRA-0001-2023-4777 Dt.-20.11.2023

Deptt. of Mission Shakti, Govt. of Odisha

In this estimate, necessary RCC frame structure has been adopted for the buildings using standard specifications. The Plinth height should be 1050mm from GL level & following provisions has been provided in this estimate.

- 1 RCC frame structure with Pile Foundation has been adopted
- 2 RCC M20 grade concrete as per IS 456 2000
- 3 Fly ash Bricks massory work in C.M(1:6) for Foundation and Plinth
- 4 Fly ash Bricks in C.M(1:6) for superstructure
- 5 MS reinforcement of grade Fe415
- 6 12mm CP in cm (1:6) for outside , 16mm cp in cm(1:6) for inside and 6mm CP in cm(1:4) with close deep chipping for RCC work
- 7 inside wall finished with 2 coat Distemper, where as outside wall finished with weather coat paint.
- 8 MS grill finished with 2 coat enamel paint over 1 coat red oxide primer
- 9 Floor finished with AS Flooring, whare as Toilet Floor & Toilet Wall finished with Floor tiles & Glazed wall tiles respectively.
- 10 20mm grading Plaster over roof slab

The estimate has been framed basing upon the current Schedule of Rates - 2022. The detailed OPWD code shall be followed during course of execution of the project.

The feasibility of the project has been verified by the concerned Asst. Engg/JE & Asst. Executive Engineer. The project will be completed within the estimated cost in all respect.


Junior Engineer
Dhamnagar Bl


Asst. Executive Engineer
Dhamnagar Block


Block Development Officer
Dhamnagar

General Abstract of cost for Construction of GPLF Building at Gadhiali , G.P-Gadhiali, Block-Dhamnagar, Dist-Bhadrak				
Sl .	DESCRIPTION			AMOUNT
				(Rs.)
a	PART(A) - CIVIL COST			Rs. 23 ,14 ,929.55
b	PART(B) - INTERNAL ELECTRIFICATION COST			Rs. 84,798.78
c	PART(C) - PHD & SANITATION COST			Rs. 1 ,02 ,624.59
	Sub Total (A)			Rs. 25 ,02 ,352.92
	Add CGST	9.00%		Rs. 2 ,25 ,211.76
	Add SGST	9.00%		Rs. 2 ,25 ,211.76
	Sub Total (B)			Rs. 29 ,52 ,776.44
	Consultant fees 1.00%			Rs. 29,527.00
	Add Sign board			Rs. 5,000.00
	Add Works Contingency			Rs. 12,696.56
	Grand Total (C)			Rs. 30 ,00 ,000.00

Rupees (Tharty Lakhs)Only

[Signature]
Junior Engineer
Dhamnagar Block

[Signature]
19/1/24

Asst. Executive Engineer
Dhamnagar Block

[Signature]
Block Development Officer
Dhamnagar

T.S.No. 130/2B-24

Technically sanctioned for Rs. 30,00,000.00
(Rupees thirty lakhs only)

Administratively Approved
for Rs. 30,00,000.00
(Rupees thirty lakhs only)

[Signature]
19.1.24
Asst. Executive Engineer
Zillaparishad, Bhadrak

[Signature]
21/01/24
Addl. Executive Officer (Tech.)
Zilla Parishad, Bhadrak

[Signature]
COLLECTOR, BHADRAK

Abstract of cost for Construction of GPLF Building atGadhiali , G.P-Gadhiali, Block-Dhamnagar, Dist-Bhadrak

SI.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-A (CIVIL)					
1	Foundation excavation in Earth work in hard soil within 50m. Initial lead and 1.5m Initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department etc. complete.etc. complete as per direction of Engg-in-Charge .	24.690	Cum.	210.96	5,208.60
2	Filling foundation and plinth with sand and well watered and rammed including cost, conveyance and royalty etc complete as per direction of Engg.-in-Charge.	82.600	Cum.	953.81	78,784.71
3	Cement concrete (1:3:6)with 40mm size CBHG metal including cost, conveyance and royalty etc. complete as per direction of Engg.-in-Charge.	12.870	Cum.	6,061.55	78,012.15
4	Cement Concrete (1:2:4) with 12 mm size broken hard granite chips for R.C.C. works including hoisting and laying etc. complete as per direction of Engg-in-Charge .	0.100	Cum.	8,304.76	830.48
5	Fly Ash Brick masonry in c.m. 1:6 in F & P including cost,conveyance and royalty of materials curing etc. complete. as per the direction of the Engineer-in-charge.	22.390	Cum.	5,299.04	1,18,645.51
6	1" thick D.P.C with C.C(1:2:4) using 12mm. Chips etc. cpmplete as per direction of Engg-in-Charge .	43.630	Sqm.	321.03	14,006.54
7	1st class Fly Ash brick masonry work in superstructure thoroughly soaked in water, with cement mortar (1:6) including scaffoldings ,racking out joints, curing etc complete as per specification/drawing and as per the direction of the Engineer-in-charge.				
	(i) Ground Floor	34.270	Cum.	5,332.37	1,82,740.32
8	Providing and Laying reinforcement Cement concrete (M-20) with 20 mm and down graded chips including cost all materials,labours,T & P,curing etc complete (excluding the cost of reinforcement & Centering, shuttering) as per direction of Engineer-in-charge.				
	i Column Footing / Pile Cap	12.460	Cum.	6,929.34	86,339.58
	ii Plinth Beam	4.990	Cum.	7,755.45	38,699.70
	iii Beam & Column				

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	a	Ground Floor	11.500	Cum.	14,742.98	1,69,544.27
	iv	65mm avg. Chajja				
	a	Ground Floor	10.035	Sqm.	1,154.44	11,584.81
	v	Roof Slab				
	a	Ground Floor	15.790	Cum.	13,184.90	2,08,189.57
	vi	Lintel				
	a	Ground Floor	2.570	Cum.	13,979.06	35,926.18
9		Single under reamed pile foundation with RCC M20 using 25mm and down graded size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel. etc. complete 300mm pile - 6.00m long	37	Pile	5,718.12	2,11,570.31
10		Supplying, fitting and placing uncoated HYSD bar reinforcement complete in proper position including cost of binding wire 18 to 20 gauge as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	70.000	Qtl	8,903.21	6,23,224.70
11		12mm cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	168.550	Sqm	159.92	26,954.52
12		16mm thick cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	300.740	Sqm	227.08	68,292.04
13		6mm.thick cement plaster with C.M(1:4) to RCC surface including closed deep chipping and slury treatment etc. complete as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	139.460	Sqm	174.56	24,344.14
14		2.5cm. thick A.S.Flooring with C.C.1:2:4 using 12mm. size HBG crusher broken chips including punning, cost, conveyance and royalty of materials curing etc. complete as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	99.760	Sqm	381.69	38,077.39
15		Cement punning including cost, conveyance of cement and curing etc. complete as per direction of Engg.-in-Charge.				

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	(i)	Ground Floor	18.670	Sqm	53.17	992.68
16		Fixing Granite tiles of size above 0.4 Sqm. (20mm. thick) in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of marble tiles etc. complete as per direction of Engg-in-Charge .				
	(i)	Ground Floor	0.750	Sqm	3,116.14	2,337.11
17		Fixing granite tiles of 0.10 Sqm. & upto 0.4 Sqm. (10mm. thick) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing complete excluding cost of tiles etc. complete as per direction of Engg-in-Charge .				
	(i)	Ground Floor	0.900	Sqm	2,340.48	2,106.43
18.		Wall Priming one coats on new work with wall water bound primer of approved shade as per direction of Engg-in-Charge .				
	(i)	Ground Floor	566.860	Sqm	65.11	36,908.25
19.		Wall painting two coats on new work with Distemper of approved shade etc. complete as per direction of Engg-in-Charge .				
	(i)	Ground Floor	372.130	Sqm	76.02	28,289.32
20.		Wall painting two coats on new work with Weather coat paint of approved shade as per direction of Engg-in-Charge.				
	(i)	Ground Floor	204.570	Sqm	83.95	17,173.04
21.		Supplying and fixing of steel M.S. grill with all fitting and fixtures including cost of cutting holes in the brick masonry and R.C.C. columns and making good to damage etc, as per direction of Engineer -in -charge.				
	(i)	Ground	971.963	Kg.	101.40	98,557.00
22		Emel Painting two coats with enamel paint over one coat of primer of approved quality etc. complete as per direction of Engg-in-Charge .				
	(i)	Ground Floor	62.290	Sqm	276.29	17,210.10
23		Fixing Floor tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of marble tiles etc. complete as per direction of Engg-in-Charge .				

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	(i)	Ground Floor	8.410	Sqm.	1,073.83	9,030.91
24	Fixing Ceramic Glazed wall tiles in dados skirting and risers of stepson 12 mm thick cement plaster(1:3) jointed with neat cement slurry mixed with pigments to match shade of the tiles including rubbing and polishing complete as per direction of Engineer-In-charge.					
	(i)	Ground Floor	23.220	Sqm.	1,256.01	29,164.55
25	Fixing Industrial Chequered tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of tiles etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	2.250	Sqm.	1,205.32	2,711.97
26	12mm. thick cement plaster in c.m. 1:4 over brick masonry including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .					
	i	Ground Floor	12.240	Sqm.	173.07	2,118.38
27	Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitered cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-in-charge.					
	i	Ground Floor	2.870	Sqm.	4,908.02	14,086.02
28	20mm. thick grading plaster in c.m. 1:4 over roof slab and chujja including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .					
	i	Ground Floor	131.970	Sqm.	252.10	33,268.98
Subtotal (A)					Rs.	23,14,929.55

[Signature]
 Junior Engineer
 Dharmagar Block

[Signature]
 19/01/24
 Asst. Executive Engineer
 Dharmagar Block

[Signature]
 Block Development Officer
 Dharmagar

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
PART-B (ELECTRICAL)					
29	Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 V modular type switch ISI marked and ceiling rose ISI marked mounted on MS box having front modular cover of suitable size , MS modular box with 1.0 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	i Group-A	6.000	Point	500.23	3,001.38
	ii Group-B	6.000	Point	745.57	4,473.42
	iii Group-C	7.000	Point	1,054.51	7,381.57
30	Supplying and fixing of following MODULAR type Bell push on the existing switch box / cover including connections etc as required. as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	Ground Floor	2.000	Point	137.98	275.96
31	Recessed wiring to submain in 2 x 2.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as equired.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	12.000	mt	147.92	1,775.04
32	Recessed wiring to submain in 2 x 4 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as equired.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	12.000	mt	165.13	1,981.56

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
33	Recessed wiring to Supply and fixing of 01 no.sof 3pin 5/6 amp modular socket and S.P. 5/6 amp one way modular switch, 1 no. of 5 pin 15/16 socket out let and S.P. 15/16 A one way modular switch on Modular G.I. Box with Modular Base and cover. (Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	3.000	Point	1,043.86	3,131.58
34	Supplying and fixing of following MODULAR type switch / socket on the existing switch box / cover including connections etc as required (Modular type).(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	6.000	Point	111.61	669.66
35	Supplying and fixing of Call Bell / Buzzer ISI marked suitable for DC /AC single phase 230 volts complete as required (Make of wire Finolex/L&T/ Anchor/ Havels/V Guard)				
	Ground Floor	1.000	No	125.08	125.08
36	Supply and fixing of following way single pole and neutral, sheet steel, MCB distribution board consumer unit, 240 V on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, hinged front acrylic covr for the MCB knobs detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (But with out MCB / RCCB / Isolator) 8WAY (8 + 18) DOUBLE DOOR, HORIZONTAL TYPE				
	Ground Floor	1.000	No	1,641.68	1,641.68
37	Supply and fixing of 5Amp to 32A rating 240V "B/C" series MCB suitable for lighting and other loads of the following poles in the exiting MCB DB ISI marked complete with connections testing and commissioning etc. as required.(make-HPL/ Havells/ Legrand /L&T/C&S)				
	Ground Floor	8.000	No	134.24	1,073.92
38	G.I. Earth Pipe electrode with out salt / charcoal Earthing with G.I earth pipe 3 meter long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangment and watering pipe etc (but with out charcoal and salt) as required				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
		1.000	No	2,368.55	2,368.55
39	Salt / charcoal for pipe earth electrode Copper Earth Plate electrode Extra for using salt and charcoal for G.I or copper pipe earth electrode as required.(make-HPL/ Havells/ Legrand /L&T/C&S)				
		1.000	No	469.29	469.29
40	S/F of 1200mm High Speed Colling fan Alluminium Body, Copper winding, High speed colling fan (Make-Crompton Model-Riviera High Speed, Polycab Model-Vital, Polar Model-Winpro) etc.				
	Ground Floor + 1st Floor	7.000	No	2,965.53	20,758.71
41	S/F of 8" PLASTIC VENTILLATING FAN exhaust fan (Make-Crompton Model-Jura, Polycab Model-Vital, Polar Model-Winpro) etc.				
	Ground Floor	2.000	No	1,885.05	3,770.10
42	S/F of 1x18 Watt LED T-5 fitting(Make-Crompton/Philips/Havells/Bajaj)				
	Ground Floor + 1st Floor+2nd floor	8.000	No	711.61	5,692.88
43	S/F of 60 W LED Street light fitting(Make-Crompton/Philips/Havells/Bajaj)				
		1.000	No	7,031.23	7,031.23
44	S/F OF TP & N SFU IN CUBICAL PANEL BOARD Providing and fixing of following capacity TP& N disconnecter fuse switch unit inside existing cubical panel board with ISI marked HRC fuses including drilling holes in cubical pannel, makinfg connection as required etc, complete 63 Amp TP & N				
		1.000	No	2,606.11	2,606.11
45	MV cable laying up to 25 sq.mm on surface Laying and fixing of one number of PVC insulated and PVC seathed / XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm on surface as required.				
		20.000	mt.	256.91	5,138.20

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
46	Providing and fixing M.V danger board of 250 mm x 200 mm made mild steel at least 2 mm thick and vitreous enameled white on both sides and with inscription in single red colours on front side as required.	1.000	Each	157.68	157.68
47	S/F of 20 Watt LED Square surface mount fitting (Make-Havells/Philips/C&S/Crompton) of all sizes complete with all accessories and tube etc. directly on ceiling wall, including connection with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor and earthing as required.	7.000	Each	1,610.74	11,275.18
Subtotal (B)				Rs.	84,798.78

[Signature]
 Junior Engineer
 Dhamnagar Block

[Signature]
 Asst. Executive Engineer
 Dhamnagar Block

[Signature]
 Block Development Officer
 Dhamnagar

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
PART-C (PHD & Sanitation)					
48	Cutting holes through existing brick work including making good the same in cement mortar (1:4) for taking GI/PVC pipes and fittings etc all complete as per Engg.-in- charge. 250mm wall				
	All Floor	4.000	Hole	57.63	230.52
49	Cutting holes in R.C.C floors and roos upto 19cm thick for passing G.I/P.V.C pipes and fitting etc. and preparing the holes after insertion of pipe etc. with cement concrete 1:2:4 including finishing complete so as to make it leak proof as per Engg.-in- charge.				
	All Floor	4.000	Hole	177.70	710.80
50	Cutting grooves in pucca floors and walls for taking GI/PVC pipes and making good the damages as per specification etc complete as per Engg.-in- charge.				
	All Floor	3.000	Mt	224.90	674.70
51	Providing and fixing on wall face unplasticised Rigid PVC soil, waste and rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes complete as per direction of Engineer-in-Charge				
	i 75mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	3.000	Mt	218.23	654.69
	ii 90mm OD P.V.C. SWR S/S Pipe (ISI type-A)(for rain water				
	All Floor	6.000	Mt	278.45	1,670.70
	iii 110mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	6.000	Mt	344.38	2,066.28
52	Laying in trenches unplasticised PVC pipes IS:4985-2000 and specials of the following outside diameter for all classes including jointing with supply of approved solvent cement by heat application method including testing as per specification complete. (Earth work in trenches to be measured and paid for separately)				
	i 125mm dia rigid UPVC pipe Class -3 (0.60Mpa)				
	All Floor	5.000	Mt	747.07	3,735.35

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
53	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-In-Charge				
	i 20mm dia pipe				
	All Floor	12.000	Mt	266.72	3,200.64
	ii 25mm dia pipe				
	All Floor	6.000	Mt	361.86	2,171.16
54	Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansios etc complete as per direction of Engineer-in-Charge				
	A PVC SWR coupler				
	i 75 mm dia PVC SWR coupler				
	All Floor	2.000	Each	102.76	205.52
	ii 90 mm dia PVC SWR coupler				
	All Floor	2.000	Each	143.40	286.80
	iii 110 mm dia PVC SWR coupler				
	All Floor	2.000	Each	163.79	327.58
	B Single tee with door				
	i 75 x 75 x 75mm dia PVC SWR Tee				
	All Floor	2.000	Each	170.88	341.76
	ii 90 x 90 x 90mm dia PVC SWR Tee				
	All Floor	2.000	Each	239.75	479.50
	iii 110 x 110 x 110mm dia PVC SWR Tee				
	All Floor	2.000	Each	302.70	605.40
	C SWR Plain Bend 87.5°				
	i 75mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	108.73	217.46

SI.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
ii	90mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	121.81	243.62
iii	110mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	196.04	392.08
D	SWR Plain Door Bend 87.5°				
i	75mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	136.30	272.60
ii	90mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	180.63	361.26
iii	110mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	236.82	473.64
55	Fixing 100mm size 'P' or 'S' trap (with horn or without horn) for water closet squatting pan including jointing the trap with pan in cement mortar (1:1) as per specification. etc complete as per direction of Engineer-in-Charge				
i	'P' trap (with horn or without horn)				
	All Floor	2.000	Each	438.45	876.90
56	Fixing water closet, squatting pan (Indian type W.C pan) conforming to IS 2556 : Part 3-2004 duly embedded in cement concrete (1:4:8) using hard granite metal 4cm nominal size all complete as per specification all etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	3,465.01	3,465.01
57	Fixing wash down water closet (European type WC) with integral 'S' and 'P' trap to the floor with wooden plug and chromum plated screw including jointing the trap including eat cover all etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	3,653.28	3,653.28
58	Fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers all complete as per specification etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	743.03	743.03

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
59	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixers etc. complete as per direction of Engg. in charge.				
	All Floor	2.000	Each	2,057.52	4,115.03
60	Fixing Wash Basin with hole for pillar type with cast iron or M S bracket painted white including cutting holes in the walls and making good the damages etc. complete as per direction of Engg. in charge. Porcelain 22"x 16"(550x400) W.H.B				
	All Floor	2.000	Each	2,737.51	5,475.02
61	Fixing bowl pattern urinal conforming to IS 2556 : Part 6-1996 including connecting the urinal of 430x260x350 mm or 340x410x265 mm sizes respectively with waste pipe by means of white lead mixed with chopped hemp etc all complete as per specification.etc. complete as per direction of Engg. in charge Porcelain Flat back stall type magnum Urinal				
	All Floor	1.000	Each	6,226.18	6,226.18
62	Fixing glazed earthenware squatting plate of size 600mm x 350mm conforming to IS:2556- Part-6-1995 with integral longitudinal flushing pipe including embedding the plate in 25mm cement mortar (1:8) laid over 150mm cement concrete (1:4:8) using 40mm hard granite metal all complete as per specification etc. complete as per direction of Engg. in charge. One-seated Urinal 1m x 0.50m x 0.15m size				
	All Floor	3.000	Each	2,895.24	8,685.72
63	Fixing PVC waste pipe of following nominal diameter for wash basin or sink including brass check nut complete as per specification.etc. complete as per direction of Engg. in charge.				
	All Floor	2.000	Each	442.92	885.84
64	Fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin complete as per specification.etc. complete as per direction of Engg. in charge.				
	All Floor	8.000	Each	110.24	881.92

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
65	Fixing of Brass Screw-down Bib Cocks (Taps) polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm Short Body Bib Cock				
	All Floor	2.000	Each	1,152.07	2,304.14
	ii 15mm Long Body Bib Cock				
	All Floor	2.000	Each	1,163.07	2,326.14
66	Fixing of Brass Screw-down Angle/Counseales stop cock Cocks polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia CP Brass Angle Stop Cock				
	All Floor	8.000	Each	1,010.95	8,087.60
	ii 20mm dia CP Brass Concealed Stop Cock				
	All Floor	2.000	Each	1,194.05	2,388.10
67	Fixing of Brass 15mm dia CP flange of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia CP flange				
	All Floor	14.000	Each	249.10	3,487.40
68	Fixing Bib Cock capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of the following nominal bore as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia C.P. Pillar cock with swinging spout				
	All Floor	2.000	Each	1,383.83	2,767.66
	ii C.P.revolving shower (bend type)				
	All Floor	2.000	Each	599.17	1,198.34
	iii CP Health Foucet with 1.0 mtr PVC Tube				
	All Floor	2.000	Each	760.16	1,520.32

SI.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
69	Fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C sheet or plywood sheet and fixed to wooden plugs with chromium plated brass screws and washers complete as per specification etc. complete as per direction of Engg. in charge.				
	i 600mm x 450mm bevelled edge mirror				
	All Floor	2.000	Each	869.91	1,739.82
70	Fixing standard sized glass-shelf with Chromium Plated brass brackets and guard rails complete, fixed to woden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
	i C.P. glass self with glass				
	All Floor	1.000	Each	717.58	717.58
71	Fixing standard sized Chromium Plated brass towel rail complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws, complete as per specification. complete as per direction of Engg. in charge.				
	i C.P. towel rail.(600x20)mm				
	All Floor	1.000	Each	1,070.74	1,070.74
72	Fixing (a) Liquid Soap Container - Glass container or Plastic container with Chromium Plated brass lid and brackets fixed to wooden plugs with Chromium Plated brass screws or (b) Chromium Plated brass soap dish complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws or (c) white glazed tooth brush holder fixed to wooden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
	i C.P Soap holder/disc.				
	All Floor	4.000	Each	318.03	1,272.12

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
73	Fixing Rotational moulded polyethylene cylindrical vertical water storage tanks conforming to IS : 12701--1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jam nuts, fixing ball valve etc, including hoisting upto a height of 5 metres above ground level and placing the tank to the required position etc all complete as per specification complete as per direction of Engg. in charge.				
i	1000 litre capacity Double Layer Cylindrical Vertical water storage tanks	1.000	Nos	12,974.53	12,974.53
74	Supply , fitting and fixing of following fixers including all materials and labours etc all complete as per specification complete as per direction of Engg. in charge.				
i	450x450mm Square Man Hole Cover -16.0 kg	2.000	Nos	1,978.50	3,957.00
ii	90mm dia P.V.C. Nahani Trap	3.000	Nos	132.08	396.24
iii	110mm dia PVC SWR Single Y with door	2.000	Nos	352.52	705.04
iv	PVC SWR Jalli 110mm dia	4.000	Nos	16.46	65.84
v	110 mm dia P.V.C. SWR Vent Cowl	1.000	Nos	38.11	38.11
vi	UPVC BALL VALVE Sch-80 (Solvent Welded with Metal Ball)				
a	25mmdia	2.000	Nos	638.94	1,277.88
				Subtotal (C)	Rs. 1,02,624.59

Total items (Civil + Electrical + PHD)

25,09,952.92

[Signature]
Junior Engineer
Dhanmagar Block

[Signature]
19/07/24

Asst. Executive Engineer
Dhanmagar Block

[Signature]
Block Development Officer
Dhanmagar

[Signature]
Addl. Executive Officer (Tech.)
Zilla Parishad, Bhadrak

Govt. of Odisha
Panachayati Raj & DW Department



Block Development Officer
Dhamnagar
Dist-Bhadrak

Name of the work

Detail Estimate of Construction of
GPLF Building at Jahangiri , G.P-
Dalanga, Block-Dhamnagar, Dist-
Bhadrak

Estimated Cost :

Rs. 30,00,000.00

Rupees (Tharty Lakhs)Only

Year :

2023-24

T.S.No. 126/28-24

REPORT :

Name of the work : Details estimate for Construction of GPLF Building at Jahangiri,
G.P-Dalanga, Block-Dhamnagar, Dist-Bhadrak

Estimated Cost : Rs. 30,00,000.00

Rupees (Tharty Lakhs)Only

Year : 2022-23

Sanction order No: MS-ME-INFRA--0001-2023-4777

Dt.-20.11.2023

Deptt. of Mission Shakti, Govt. of Odisha

In this estimate, necessary RCC frame structure has been adopted for the buildings using standard specifications. The Plinth height should be 1050mm from GL level & following provisions has been provided in this estimate.

- 1 RCC frame structure with Pile Foundation has been adopted
- 2 RCC M20 grade concrete as per IS 456 2000
- 3 Fly ash Bricks massory work in C.M(1:6) for Foundation and Plinth
- 4 Fly ash Bricks in C.M(1:6) for superstructure
- 5 MS reinforcement of grade Fe415
- 6 12mm CP in cm (1:6) for outside , 16mm cp in cm(1:6) for inside and 6mm CP in cm(1:4) with close deep chipping for RCC work
- 7 inside wall finished with 2 coat Distemper, where as outside wall finished with weather coat paint.
- 8 MS grill finished with 2 coat enamel paint over 1 coat red oxide primer
- 9 Floor finished with AS Flooring, whare as Toilet Floor & Toilet Wall finished with Floor tiles & Glazed wall tiles respectively.
- 10 20mm grading Plaster over roof slab

The estimate has been framed basing upon the current Schedule of Rates - 2022. The detailed OPWD code shall be followed during course of execution of the project.

The feasibility of the project has been verified by the concerned Asst. Engg/JE & Asst. Executive Engineer. The project will be completed within the estimated cost in all respect.


Junior Engineer
Dhamnagar Block


Asst. Executive Engineer
Dhamnagar Block


Block Development Officer
Dhamnagar

General Abstract of cost for Construction of GPLF Building at Jahangiri , G.P-Dalanga, Block-Dhamnagar, Dist-Bhadrak					
Sl .	DESCRIPTION			AMOUNT	
				(Rs.)	
a	PART(A) - CIVIL COST			Rs.	23 ,14 ,929.55
b	PART(B) - INTERNAL ELECTRIFICATION COST			Rs.	84,798.78
c	PART(C) - PHD & SANITATION COST			Rs.	1 ,02 ,624.59
	Sub Total (A)			Rs.	25 ,02 ,352.92
	Add CGST	9.00%		Rs.	2 ,25 ,211.76
	Add SGST	9.00%		Rs.	2 ,25 ,211.76
	Sub Total (B)			Rs.	29 ,52 ,776.44
	Consultanct fees 1.00%			Rs.	29,527.00
	Add Sign board			Rs.	5,000.00
	Add Works Contingency			Rs.	12,696.56
	Grand Total (C)			Rs.	30 ,00 ,000.00

Rupees (Tharty Lakhs)Only

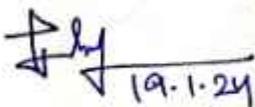

Junior Engineer
Dhamnagar Block


Asst. Executive Engineer
Dhamnagar Block


Block Development Officer
Dhamnagar

T.S.No...126/23-24

Technically sanctioned for Rs. 30,00,000.00 Administratively Approved
(Rupees. thirty lakh for Rs. 30,00,000.00
.....)only (Rupees. thirty lakh
.....)only


Asst. Executive Engineer
Zillaparishad, Bhadrak


Addl. Executive Officer (Tech.)
Zilla Parishad, Bhadrak


COLLECTOR, BHADRAK

Abstract of cost for Construction of GPLF Building at Jahangiri , G.P-Dalanga, Block-Dhamnagar, Dist-Bhadrak

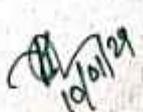
Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
PART-A (CIVIL)					
1	Foundation excavation in Earth work in hard soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department etc. complete.etc. complete as per direction of Engg-In-Charge .	24.000	Cum.	210.00	5,208.00
2	Filling foundation and plinth with sand and well watered and rammed including cost, conveyance and royalty etc complete as per direction of Engg.-In-Charge.	82.000	Cum.	953.81	78,784.71
3	Cement concrete (1:3:6)with 40mm size CBHG metal including cost, conveyance and royalty etc. complete as per direction of Engg.-In-Charge.	12.870	Cum.	6,081.55	78,012.15
4	Cement Concrete (1:2:4) with 12 mm size broken hard granite chips for R.C.C. works including hoisting and laying etc. complete as per direction of Engg-In-Charge .	0.100	Cum.	8,304.76	830.48
5	Fly Ash Brick masonry in c.m. 1:6 in F & P Including cost,conveyance and royalty of materials curing etc. complete. as per the direction of the Engineer-In-charge.	22.390	Cum.	5,299.04	1,18,645.51
6	1" thick D.P.C with C.C(1:2:4) using 12mm. Chips etc. complete as per direction of Engg-In-Charge .	43.630	Sqm.	321.03	14,006.54
7	1st class Fly Ash brick masonry work in superstructure thoroughly soaked in water, with cement mortar (1:6) including scaffoldings ,racking out joints, curing etc complete as per specification/drawing and as per the direction of the Engineer-In-charge.				
	(i) Ground Floor	34.270	Cum.	5,332.37	1,82,740.32
8	Providing and Laying reinforcement Cement concrete (M 20) with 20 mm and down graded chips including cost all materials,labours,T & P,curing etc complete (excluding the cost of reinforcement & Centering, shuttering) as per direction of Engineer-In-charge.				
	i Column Footing / Pile Cap	12.460	Cum.	6,929.34	86,339.58
	ii Plinth Beam	4.990	Cum.	7,755.45	38,609.70
	iii Beam & Column				

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	a	Ground Floor	11.500	Cum.	14,742.98	1,69,544.27 ✓
	iv	65mm avg. Chajja				
	a	Ground Floor	10.035	Sqm.	1,154.44	11,584.81 ✓
	v	Roof Slab				
	a	Ground Floor	15.790	Cum.	13,184.90	2,08,189.57 ✓
	vi	Lintel				
	a	Ground Floor	2.570	Cum.	13,979.06	35,926.18 ✓
9		Single under reamed pile foundation with RCC M20 using 25mm and down graded size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel. etc. complete 300mm pile - 6.00m long	37	Pile	5,718.12	2,11,570.31 ✓
10		Supplying, fitting and placing uncoated HYSD bar reinforcement complete in proper position including cost of binding wire 18 to 20 gauge as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	70.000	Qtl	8,903.21	6,23,224.70 ✓
11		12mm cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	168.550	Sqm	159.92	26,954.52 ✓
12		16mm thick cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	300.740	Sqm	227.08	68,292.04 ✓
13		6mm.thick cement plaster with C.M(1:4) to RCC surface including closed deep chipping and slury treatment etc. complete as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	139.460	Sqm	174.56	24,344.14 ✓
14		2.5cm. thick A.S.Flooring with C.C.1:2:4 using 12mm. size HBG crusher broken chips including punning, cost, conveyance and royalty of materials curing etc. complete as per direction of Engg.-in-Charge				
	(i)	Ground Floor	99.760	Sqm	381.69	38,077.39 ✓
15		Cement punning including cost, conveyance of cement and curing etc. complete as per direction of Engg.-in-Charge .				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	(i) Ground Floor	10.070	Sqm	53.17	992.68 ✓
16	Fixing Granite tiles of size above 0.4 Sqm. (20mm. thick) in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of marble tiles etc. complete as per direction of Engg-In-Charge .				
	(i) Ground Floor	0.750	Sqm	3,116.14	2,337.11 ✓
17	Fixing granite tiles of 0.10 Sqm. & upto 0.4 Sqm. (10mm. thick) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing complete excluding cost of tiles etc. complete as per direction of Engg-In-Charge .				
	(i) Ground Floor	0.900	Sqm	2,340.48	2,106.43 ✓
18.	Wall Priming one coats on new work with wall water bound primer of approved shade as per direction of Engg-In-Charge .				
	(i) Ground Floor	566.860	Sqm	65.11	36,908.25 ✓
19.	Wall painting two coats on new work with Distemper of approved shade etc. complete as per direction of Engg-In-Charge .				
	(i) Ground Floor	372.130	Sqm	76.02	28,289.32 ✓
20.	Wall painting two coats on new work with Weather coat paint of approved shade as per direction of Engg.-In-Charge.				
	(i) Ground Floor	204.570	Sqm	83.95	17,173.04 ✓
21.	Supplying and fixing of steel M.S. grill with all fitting and fixtures including cost of cutting holes in the brick masonry and R.C.C. columns and making good to damage etc, as per direction of Engineer -In -charge.				
	(i) Ground	971.963	Kg.	101.40	98,557.00 ✓
22	Enamel Painting two coats with enamel paint over one coat of primer of approved quality etc. complete as per direction of Engg-In-Charge .				
	(i) Ground Floor	62.200	Sqm	276.29	17,210.10 ✓
23	Fixing Floor tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of marble tiles etc. complete as per direction of Engg-In-Charge .				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
					(Rs.)	
	(i) Ground Floor	8.410	Sqm.	1,073.83	9,030.91	
24	Fixing Ceramic Glazed wall tiles in dados skirting and risers of stepson 12 mm thick cement plaster(1:3) jointed with neat cement slurry mixed with pigments to matche shade of the tiles including rubbing and polishing complete as per direction of Engineer-in-charge.					
	(i) Ground Floor	23.220	Sqm.	1,256.01	29,164.55	
25	Fixing industrial Chequered tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades includind cost for rubbing, polishing & cost of tiles etc. complete as per direction of Engg-in-Charge .					
	(i) Ground Floor	2.250	Sqm.	1,205.32	2,711.97	
26	12mm. thick cement plaster in c.m. 1:4 over brick masonry including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .					
	i Ground Floor	12.240	Sqm.	173.07	2,118.38	
27	Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitred cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (+ 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-in-charge.					
	i Ground Floor	2.870	Sqm.	4,908.02	14,086.02	
28	20mm. thick grading piaster in c.m. 1:4 over roof slab and chujja including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .					
	i Ground Floor	131.970	Sqm.	252.10	33,268.98	
Subtotal (A)					Rs.	23,14,929.55


 Junior Engineer
 Dhannagar Block


 Asst. Executive Engineer
 Dhannagar Block


 Block Development Officer
 Dhannagar

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
PART-B (ELECTRICAL)					
29	Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 V modular type switch ISI marked and ceiling rose ISI marked mounted on MS box having front modular cover of suitable size , MS modular box with 1.0 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	i Group-A	6.000	Point	500.23	3,001.38
	ii Group-B	6.000	Point	745.57	4,473.42
	iii Group-C	7.000	Point	1,054.51	7,381.57
30	Supplying and fixing of following MODULAR type Bell push on the existing switch box / cover including connections etc as required. as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	Ground Floor	2.000	Point	137.98	275.96
31	Recessed wiring to submain in 2 x 2.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as equired.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	12.000	mt	147.92	1,775.04
32	Recessed wiring to submain in 2 x 4 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as equired.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	12.000	mt	165.13	1,981.56

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
33	Recessed wiring to Supply and fixing of 01 no.sof 3pin 5/6 amp modular socket and S.P. 5/6 amp one way modular switch, 1 no. of 5 pin 15/16 socket out let and S.P. 15/16 A one way modular switch on Modular G.I. Box with Modular Base and cover. .(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	3.000	Point	1,043.86	3,131.58
34	Supplying and fixing of following MODULAR type switch / socket on the existing switch box / cover including connections etc as required (Modular type).(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	6.000	Point	111.61	669.66
35	Supplying and fixing of Call Bell / Buzzer ISI marked suitable for DC /AC single phase 230 volts complete as required (Make of wire Finolex/L&T/ Anchor/ Havels/V Guard)				
	Ground Floor	1.000	No	125.08	125.08
36	Supply and fixing of following way single pole and neutral, sheet steel, MCB distribution board consumer unit, 240 V on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, hinged front acrylic covr for the MCB knobs detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (But with out MCB / RCCB / Isolator) 8WAY (8 + 18) DOUBLE DOOR, HORIZONTAL TYPE				
	Ground Floor	1.000	No	1,641.68	1,641.68
37	Supply and fixing of 5Amp to 32A rating 240V "B/C" series MCB suitable for lighting and other loads of the following poles in the exiting MCB DB ISI marked complete with connections testing and commissioning etc. as required.(make-HPL/ Havells/ Legrand /L&T/C&S)				
	Ground Floor	8.000	No	134.24	1,073.92
38	G.I. Earth Pipe electrode with out salt / charcoal Earthing with G.I earth pipe 3 meter long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc (but with out charcoal and salt) as required				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
39	Salt / charcoal for pipe earth electrode Copper Earth Plate electrode Extra for using salt and charcoal for G.I or copper pipe earth electrode as required.(make-HPL/ Havells/ Legrand /L&T/C&S)	1.000	No	2,368.55	2,368.55
40	S/F of 1200mm High Speed Ceiling fan Alluminium Body, Copper winding, High speed ceiling fan (Make-Crompton Model-Riviera High Speed, Polycab Model-Vital, Polar Model-Winpro) etc. Ground Floor + 1st Floor	1.000	No	469.29	469.29
41	S/F of 8" PLASTIC VENTILLATING FAN exhaust fan (Make-Crompton Model-Jura, Polycab Model-Vital, Polar Model-Winpro) etc. Ground Floor	7.000	No	2,965.53	20,758.71
42	S/F of 1x18 Watt LED T-5 fitting(Make-Crompton/Philips/Havells/Bajaj) Ground Floor + 1st Floor+2nd floor	2.000	No	1,885.05	3,770.10
43	S/F of 60 W LED Street light fitting(Make-Crompton/Philips/Havells/Bajaj)	8.000	No	711.61	5,692.88
44	S/F OF TP & N SFU IN CUBICAL PANEL BOARD Providing and fixing of following capacity TP& N disconnecter fuse switch unit inside existing cubical panel board with ISI marked HRC fuses including drilling holes in cubical pannel, makinfg connection as requred etc, complete 63 Amp TP & N	1.000	No	7,031.23	7,031.23
45	MV cable laying up to 25 sq.mm on surface Laying and fixing of one number of PVC insulated and PVC seathed / XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm on surface as required.	1.000	No	2,606.11	2,606.11
		20.000	mt.	256.91	5,138.20

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
46	Providing and fixing M.V danger board of 250 mm x 200 mm made mild steel at least 2 mm thick and vitreous enameled white on both sides and with inscription in single red colours on front side as required.	1.000	Each	157.68	157.68
47	S/F of 20 Watt LED Square surface mount fitting (Make-Havells/Phillips/C&S/Crompton) of all sizes complete with all accessories and tube etc. directly on ceiling wall, including connection with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor and earthing as required.	7.000	Each	1,610.74	11,275.18
				Subtotal (B)	Rs. 84,798.78

[Handwritten Signature]
19/01/24

Junior Engineer
Dhamnagar Block

[Handwritten Signature]
19/01/24

Asst. Executive Engineer
Dhamnagar Block

[Handwritten Signature]
19/01/24
Block Development Officer
Dhamnagar

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-C (PHD & Sanitation)					
48	Cutting holes through existing brick work including making good the same in cement mortar (1:4) for taking GI/PVC pipes and fittings etc all complete as per Engg.-in- charge. 250mm wall				
	All Floor	4.000	Hole	57.63	230.52
49	Cutting holes in R.C.C floors and roos upto 19cm thick for passing G.I/P.V.C pipes and fitting etc. and preparing the holes after insertion of pipe etc. with cement concrete 1:2:4 including finishing complete so as to make it leak proof as per Engg.-in- charge.				
	All Floor	4.000	Hole	177.70	710.80
50	Cutting grooves in pucca floors and walls for taking GI/PVC pipes and making good the damages as per specification etc complete as per Engg.-in- charge.				
	All Floor	3.000	Mt	224.90	674.70
51	Providing and fixing on wall face unplasticised Rigid PVC soil, waste and rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes complete as per direction of Engineer-in-Charge				
i	75mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	3.000	Mt	218.23	654.69
ii	90mm OD P.V.C. SWR S/S Pipe (ISI type-A)(for rain water				
	All Floor	6.000	Mt	278.45	1,670.70
iii	110mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	6.000	Mt	344.38	2,066.28
52	Laying in trenches unplasticised PVC pipes IS:4985-2000 and specials of the following outside diameter for all classes including jointing with supply of approved solvent cement by heat application method including testing as per specification complete. (Earth work in trenches to be measured and paid for separately)				
i	125mm dia rigid UPVC pipe Class -3 (0.60Mpa)				
	All Floor	5.000	Mt	747.07	3,735.35

SI.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
53	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge					
	i	20mm dia pipe				
		All Floor	12.000	Mt	266.72	3,200.64
	ii	25mm dia pipe				
		All Floor	6.000	Mt	361.86	2,171.16
54	Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansios etc complete as per direction of Engineer-in-Charge					
	A PVC SWR coupler					
	i	75 mm dia PVC SWR coupler				
		All Floor	2.000	Each	102.76	205.52
	ii	90 mm dia PVC SWR coupler				
		All Floor	2.000	Each	143.40	286.80
	iii	110 mm dia PVC SWR coupler				
		All Floor	2.000	Each	163.79	327.58
	B Single tee with door					
	i	75 x 75 x 75mm dia PVC SWR Tee				
		All Floor	2.000	Each	170.88	341.76
	ii	90 x 90 x 90mm dia PVC SWR Tee				
		All Floor	2.000	Each	239.75	479.50
	iii	110 x 110 x 110mm dia PVC SWR Tee				
		All Floor	2.000	Each	302.70	605.40
	C SWR Plain Bend 87.5°					
	i	75mm dia P.V.C. SWR plain bend 87.5				
		All Floor	2.000	Each	108.73	217.46

Sl. No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
ii	90mm dia P.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	121.81	243.62
iii	110mm dia P.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	196.04	392.08
D SWR Plain Door Bend 87.5*					
i	75mm dia P.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	136.30	272.60
ii	90mm dia P.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	180.63	361.26
iii	110mm dia P.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	236.82	473.64
55	Fixing 100mm size 'P' or 'S' trap (with horn or without horn) for water closet squatting pan including jointing the trap with pan in cement mortar (1:1) as per specification. etc complete as per direction of Engineer-in-Charge				
i	'P' trap (with horn or without horn)				
	All Floor	2.000	Each	438.45	876.90
56	Fixing water closet, squatting pan (Indian type W.C pan) conforming to IS 2556 : Part 3-2004 duly embedded in cement concrete (1:4:8) using hard granite metal 4cm nominal size all complete as per specification all etc. complete as per direction of Engg. In charge.				
	All Floor	1.000	Each	3,465.01	3,465.01
57	Fixing wash down water closet (Europlan type WC) with integral 'S' and 'P' trap to the floor with wooden plug and chromium plated screw including jointing the trap including eat cover all etc. complete as per direction of Engg. In charge.				
	All Floor	1.000	Each	3,653.28	3,653.28
58	Fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers all complete as per specification etc. complete as per direction of Engg. In charge.				
	All Floor	1.000	Each	743.03	743.03

SI.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
59	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixers etc. complete as per direction of Engg. in charge.				
	All Floor	2.000	Each	2,057.52	4,115.03
60	Fixing Wash Basin with hole for pillar type with cast iron or M S bracket painted white including cutting holes in the walls and making good the damages etc. complete as per direction of Engg. in charge. Porcelain 22"x 16"(550x400) W.H.B				
	All Floor	2.000	Each	2,737.51	5,475.02
61	Fixing bowl pattern urinal conforming to IS 2556 : Part 6-1996 including connecting the urinal of 430x260x350 mm or 340x410x265 mm sizes respectively with waste pipe by means of white lead mixed with chopped hemp etc all complete as per specification.etc. complete as per direction of Engg. in charge Porcelain Flat back stall type magnum Urinal				
	All Floor	1.000	Each	6,226.18	6,226.18
62	Fixing glazed earthenware squatting plate of size 600mm x 350mm conforming to IS:2556- Part-6-1995 with integral longitudinal flushing pipe including embedding the plate in 25mm cement mortar (1:8) laid over 150mm cement concrete (1:4:8) using 40mm hard granite metal all complete as per specification etc. complete as per direction of Engg. in charge. One-seated Urinal 1m x 0.50m x 0.15m size				
	All Floor	3.000	Each	2,895.24	8,685.72
63	Fixing PVC waste pipe of following nominal diameter for wash basin or sink including brass check nut complete as per specificationetc. complete as per direction of Engg. in charge.				
	All Floor	2.000	Each	442.92	885.84
64	Fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin complete as per specificationetc. complete as per direction of Engg. in charge.				
	All Floor	8.000	Each	110.24	881.92

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
65	Fixing of Brass Screw-down Bib Cocks (Taps) polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. In charge.				
	i 15mm Short Body Bib Cock				
	All Floor	2.000	Each	1,152.07	2,304.14
	ii 15mm Long Body Bib Cock				
	All Floor	2.000	Each	1,163.07	2,326.14
66	Fixing of Brass Screw-down Angle/Counseales stop cock Cocks polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. In charge.				
	i 15mm dia CP Brass Angle Stop Cock				
	All Floor	8.000	Each	1,010.95	8,087.60
	ii 20mm dia CP Brass Concealed Stop Cock				
	All Floor	2.000	Each	1,194.05	2,388.10
67	Fixing of Brass 15mm dia CP flange of the following nominal sizes as per specification etc. complete as per direction of Engg. In charge.				
	i 15mm dia CP flange				
	All Floor	14.000	Each	249.10	3,487.40
68	Fixing Bib Cock capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of the following nominal bore as per specification etc. complete as per direction of Engg. In charge.				
	i 15mm dia C.P. Pillar cock with swinging spout				
	All Floor	2.000	Each	1,383.83	2,767.66
	ii C.P.revolving shower (bend type)				
	All Floor	2.000	Each	599.17	1,198.34
	iii CP Health Foucet with 1.0 mtr PVC Tube				
	All Floor	2.000	Each	760.16	1,520.32

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
69	Fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C sheet or plywood sheet and fixed to wooden plugs with chromium plated brass screws and washers complete as per specification etc. complete as per direction of Engg. In charge.				
	i 600mm x 450mm bevelled edge mirror				
	All Floor	2.000	Each	869.91	1,739.82
70	Fixing standard sized glass-shelf with Chromium Plated brass brackets and guard rails complete, fixed to woden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
	i C.P. glass self with glass				
	All Floor	1.000	Each	717.58	717.58
71	Fixing standard sized Chromium Plated brass towel rail complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws, complete as per specification. complete as per direction of Engg. in charge.				
	i C.P. towel rail.(600x20)mm				
	All Floor	1.000	Each	1,070.74	1,070.74
72	Fixing (a) Liquid Soap Container – Glass container or Plastic container with Chromium Plated brass lid and brackets fixed to wooden plugs with Chromium Plated brass screws or (b) Chromium Plated brass soap dish complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws or (c) white glazed tooth brush holder fixed to wooden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. In charge.				
	i C.P Soap holder/disc.				
	All Floor	4.000	Each	318.03	1,272.12

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
73	Fixing Rotational moulded polyethylene cylindrical vertical water storage tanks conforming to IS : 12701--1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jam nuts, fixing ball valve etc, including hoisting upto a height of 5 metres above ground level and placing the tank to the required position etc all complete as per specification complete as per direction of Engg. in charge.				
i	1000 litre capacity Double Layer Cylindrical Vertical water storage tanks	1.000	Nos	12,974.53	12,974.53
74	Supply , fitting and fixing of following fixers including all materials and labours etc all complete as per specification complete as per direction of Engg. in charge.				
i	450x450mm Square Man Hole Cover -16.0 kg	2.000	Nos	1,978.50	3,957.00
ii	90mm dia P.V.C. Nahani Trap	3.000	Nos	132.08	396.24
iii	110mm dia PVC SWR Single Y with door	2.000	Nos	352.52	705.04
iv	PVC SWR Jalli 110mm dia	4.000	Nos	16.46	65.84
v	110 mm dia P.V.C. SWR Vent:Cowl	1.000	Nos	38.11	38.11
vi	UPVC BALL VALVE Sch-80 (Solvent Welded with Metal Ball)				
a	25mmdia	2.000	Nos	638.94	1,277.88
				Subtotal (C)	Rs. 1,02,624.59

Total items (Civil + Electrical + PHD)

25,02,852.92


 18/03/24
 Junior Engineer
 Dharnagar Block


 18/03/24
 Asst. Executive Engineer
 Dharnagar Block


 18/03/24
 Block Development Officer
 Dharnagar


 24/11/24
 Addl. Executive Officer (Tech.)
 Zilla Parishad, Bhadrak

Govt. of Odisha
Panachayati Raj & DW Department



Block Development Officer
Dhamnagar
Dist-Bhadrak

Name of the work

Details Estimate for Construction of
GPLF Building at Sodha , G.P-Dobal,
Block-Dhamnagar, Dist-Bhadrak

Estimated Cost :

Rs. 30,00,000.00

Rupees (Tharty Lakhs)Only

Year :

2023-24

T.S.No...129/23-24

REPORT :

Name of the work : Details estimate for Construction of GPLF Building at Sodha ,
G.P-Dobal, Block-Dhamnagar, Dist-Bhadrak

Estimated Cost : Rs. 30,00,000.00

Rupees (Tharty Lakhs)Only

Year : 2022-23

Sanction order No: MS-ME-INFRA--0001-2023-4777 Dt.-20.11.2023

Deptt. of Mission Shakti, Govt. of Odisha

In this estimate, necessary RCC frame structure has been adopted for the buildings using standard specifications. The Plinth height should be 1050mm from GL level & following provisions has been provided in this estimate.

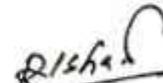
- 1 RCC frame structure with Pile Foundation has been adopted
- 2 RCC M20 grade concrete as per IS 456 2000
- 3 Fly ash Bricks massory work in C.M(1:6) for Foundation and Plinth
- 4 Fly ash Bricks in C.M(1:6) for superstructure
- 5 MS reinforcement of grade Fe415
- 6 12mm CP in cm (1:6) for outside , 16mm cp in cm(1:6) for inside and 6mm CP in cm(1:4) with close deep chipping for RCC work
- 7 inside wall finished with 2 coat Distemper, where as outside wall finished with weather coat paint.
- 8 MS grill finished with 2 coat enamel paint over 1 coat red oxide primer
- 9 Floor finished with AS Flooring, whare as Toilet Floor & Toilet Wall finished with Floor tiles & Glazed wall tiles respectively.
- 10 20mm grading Plaster over roof slab

The estimate has been framed basing upon the current Schedule of Rates - 2022. The detailed OPWD code shall be followed during course of execution of the project.

The feasibility of the project has been verified by the concerned Asst. Engg/JE & Asst. Executive Engineer. The project will be completed within the estimated cost in all respect.


S. K. Mishra
Asst. Executive Engineer
Dhamnagar


10/01/24
Asst. Executive Engineer
Dhamnagar Block


Rishabh
Asst. Executive Engineer
10/01/24

**General Abstract of cost for Construction of GPLF Building at Sodha ,
G.P-Dobal, Block-Dhamnagar, Dist-Bhadrak**

SI .	DESCRIPTION			AMOUNT	
					(Rs.)
a	PART(A) - CIVIL COST			Rs.	23 ,14 ,929.55
b	PART(B) - INTERNAL ELECTRIFICATION COST			Rs.	84,798.78
c	PART(C) - PHD & SANITATION COST			Rs.	1 ,02 ,624.59
	Sub Total (A)			Rs.	25 ,02 ,352.92
	Add CGST	9.00%		Rs.	2 ,25 ,211.76
	Add SGST	9.00%		Rs.	2 ,25 ,211.76
	Sub Total (B)			Rs.	29 ,52 ,776.44
	Consultant fees 1.00%			Rs.	29,527.00
	Add Sign board			Rs.	5,000.00
	Add Works Contingency			Rs.	12,696.56
	Grand Total (C)			Rs.	30 ,00 ,000.00

Rupees (Tharty Lakhs)Only

[Signature]
Deployment Officer
Dhamnagar

[Signature]
10/01/24
Asst. Executive Engineer
Dhamnagar Block

[Signature]
JE
DNR Block
10/01/2024

T.S.No.....199/23-24

Technically sanctioned for Rs. 30,00,000.00
(Rupees...thirty lakhs only...)

Administratively Approved
for Rs. 30,00,000.00
(Rupees...thirty lakhs...only)

[Signature]
19.1.24
Asst. Executive Engineer
Zilla Parishad, Bhadrak

[Signature]
24/1/24
Add. Executive Officer (Tech.)
Zilla Parishad, Bhadrak

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COLLECTOR, BHADRAK

Abstract of cost for Construction of GPLF Building at Sodha , G.P-Dobal, Block-Dhamnagar, Dist-Bhadrak

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-A (CIVIL)					
1	Foundation excavation in Earth work in hard soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department etc. complete.etc. complete as per direction of Engg-in-Charge .	24.690	Cum.	210.96	5,208.60
2	Filling foundation and plinth with sand and well watered and rammed including cost, conveyance and royalty etc complete as per direction of Engg.-in-Charge.	82.600	Cum.	953.81	78,784.71
3	Cement concrete (1:3:6)with 40mm size CBHG metal including cost, conveyance and royalty etc. complete as per direction of Engg.-in-Charge.	12.870	Cum.	6,061.55	78,012.15
4	Cement Concrete (1:2:4) with 12 mm size broken hard granite chips for R.C.C. works including hoisting and laying etc. complete as per direction of Engg-in-Charge	0.100	Cum.	8,304.76	830.48
5	Fly Ash Brick masonry in c.m. 1:6 in F & P including cost,conveyance and royalty of materials curing etc. complete. as per the direction of the Engineer-in-charge.	22.390	Cum.	5,299.04	1,18,645.51
6	1" thick D.P.C with C.C(1:2:4) using 12mm. Chips etc. complete as per direction of Engg-in-Charge .	43.630	Sqm.	321.03	14,006.54
7	1st class Fly Ash brick masonry work in superstructure thoroughly soaked in water, with cement mortar (1:6) including scaffoldings ,racking out joints, curing etc complete as per specification/drawing and as per the direction of the Engineer-in-charge.				
	(i) Ground Floor	34.270	Cum.	5,332.37	1,82,740.32
8	Providing and Laying reinforcement Cement concrete (M-20) with 20 mm and down graded chips including cost all materials,labours,T & P,curing etc complete (excluding the cost of reinforcement & Centering, shuttering) as per direction of Engineer-in-charge.				
	i Column Footing / Pile Cap	12.460	Cum.	6,929.34	86,339.58

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	ii	Plinth Beam	4.990	Cum.	7,755.45	38,699.70
	iii	Beam & Column				
	a	Ground Floor	11.500	Cum.	14,742.98	1,69,544.27
	iv	65mm avg. Chajja				
	a	Ground Floor	10.035	Sqm.	1,154.44	11,584.81
	v	Roof Slab				
	a	Ground Floor	15.790	Cum.	13,184.90	2,08,189.57
	vi	Lintel				
	a	Ground Floor	2.570	Cum.	13,979.06	35,926.18
9		Single under reamed pile foundation with RCC M20 using 25mm and down graded size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel. etc. complete 300mm pile - 6.00m long	37	Pile	5,718.12	2,11,570.31
10		Supplying, fitting and placing uncoated HYSD bar reinforcement complete in proper position including cost of binding wire 18 to 20 gauge as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	70.000	Qtl	8,903.21	6,23,224.70
11		12mm cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	168.550	Sqm	159.92	26,954.52
12		16mm thick cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	300.740	Sqm	227.08	68,292.04
13		6mm.thick cement plaster with C.M(1:4) to RCC surface including closed deep chipping and slurry treatment etc. complete as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	139.460	Sqm	174.56	24,344.14
14		2.5cm. thick A.S.Flooring with C.C.1:2:4 using 12mm. size HBG crusher broken chips including punning, cost, conveyance and royalty of materials curing etc. complete as per direction of Engg.-in-Charge				

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	(i)	Ground Floor	99.760	Sqm	381.69	38,077.39
15	Cement punning including cost, conveyance of cement and curing etc. complete as per direction of Engg-In-Charge .					
	(i)	Ground Floor	18.670	Sqm	53.17	992.68
16	Fixing Granite tiles of size above 0.4 Sqm. (20mm. thick) in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades includind cost for rubbing, polishing & cost of marbel tiles etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	0.750	Sqm	3,116.14	2,337.11
17	Fixing granite tiles of 0.10 Sqm. & upto 0.4 Sqm. (10mm. thick) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades includind cost for rubbing, poloshing complete excluding cost of tiles etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	0.900	Sqm	2,340.48	2,106.43
18.	Wall Priming one coats on new work with wall water bound primer of approved shade as per direction of Engg-in-Charge .					
	(i)	Ground Floor	566.860	Sqm	65.11	36,908.25
19.	Wall painting two coats on new work with Distemper of approved shade etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	372.130	Sqm	76.02	28,289.32
20.	Wall painting two coats on new work with Weather coat paint of approved shade as per direction of Engg.-In-Charge.					
	(i)	Ground Floor	204.570	Sqm	83.95	17,173.04
21.	Supplying and fixing of steel M.S. grill with all fitting and fixtures including cost of cutting holes in the brick masonry and R.C.C. columns and making good to damage etc, as per direction of Engineer -in -charge.					
	(i)	Ground	971.963	Kg.	101.40	98,557.00

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
22	Emel Painting two coats with enamel paint over one coat of primer of approved quality etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	62.290	Sqm	276.29	17,210.10
23	Fixing Floor tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of marbel tiles etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	8.410	Sqm.	1,073.83	9,030.91
24	Fixing Ceramic Glazed wall tiles in dados skirting and risers of stepson 12 mm thick cement plaster(1:3) jointed with neat cement slurry mixed with pigments to matche shade of the tiles including rubbing and polishing complete as per direction of Engineer-in-charge.				
	(i) Ground Floor	23.220	Sqm.	1,256.01	29,164.55
25	Fixing industrial Chequered tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of tiles etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	2.250	Sqm.	1,205.32	2,711.97
26	12mm. thick cement plaster in c.m. 1:4 over brick masonry including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .				
	i Ground Floor	12.240	Sqm.	173.07	2,118.38

Block Development Officer
Dhannagar

Asst. Executive Engineer
Dhannagar Block

Rishu
JE
DNR Block.
10/01/24

SI.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
27	Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitred cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-in-charge.				
	i Ground Floor	2.870	Sqm.	4,908.02	14,086.02
28	20mm. thick grading plaster in c.m. 1:4 over roof slab and chujja including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .				
	i Ground Floor	131.970	Sqm.	252.10	33,268.98
Subtotal (A)				Rs.	23,14,929.55

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 Development Officer
 Dhamnagar

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 19/01/24
 Asst. Executive Engineer
 Dhamnagar Block

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 JE
 D.H. G. G.
 19/01/24.

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
PART-B (ELECTRICAL)					
29	Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC Insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 V modular type switch ISI marked and ceiling rose ISI marked mounted on MS box having front modular cover of suitable size , MS modular box with 1.0 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	i Group-A	6.000	Point	500.23	3,001.38
	ii Group-B	6.000	Point	745.57	4,473.42
	iii Group-C	7.000	Point	1,054.51	7,381.57
30	Supplying and fixing of following MODULAR type Bell push on the existing switch box / cover including connections etc as required. as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	Ground Floor	2.000	Point	137.98	275.96
31	Recessed wiring to submain in 2 x 2.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as required.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	12.000	mt	147.92	1,775.04
32	Recessed wiring to submain in 2 x 4 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as required.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	Ground Floor	12.000	mt	165.13	1,981.58
33	Recessed wiring to Supply and fixing of 01 no.sof 3pin 5/6 amp modular socket and S.P. 5/6 amp one way modular switch, 1 no. of 5 pin 15/16 socket out let and S.P. 15/16 A one way modular switch on Modular G.I. Box with Modular Base and cover. .(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	3.000	Point	1,043.86	3,131.58
34	Supplying and fixing of following MODULAR type switch / socket on the existing switch box / cover including connections etc as required (Modular type).(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	6.000	Point	111.61	669.66
35	Supplying and fixing of Call Bell / Buzzer ISI marked suitable for DC /AC single phase 230 volts complete as required (Make of wire Finolex/L&T/ Anchor/ Havels/V Guard)				
	Ground Floor	1.000	No	125.08	125.08
36	Supply and fixing of following way single pole and neutral, sheet steel, MCB distribution board consumer unit, 240 V on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, hinged front acrylic covr for the MCB knobs detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (But with out MCB / RCCB / Isolator) 8WAY (8 + 18) DOUBLE DOOR, HORIZONTAL TYPE				
	Ground Floor	1.000	No	1,641.68	1,641.68
37	Supply and fixing of 5Amp to 32A rating 240V "B/C" series MCB suitable for lighting and other loads of the following poles in the exiting MCB DB ISI marked complete with connections testing and commissioning etc. as required.(make-HPL/ Havells/ Legrand /L&T/C&S)				
	Ground Floor	8.000	No	134.24	1,073.92

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
38	G.I. Earth Pipe electrode with out salt / charcoal Earthing with G.I earth pipe 3 meter long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangment and watering pipe etc (but with out charcoal and salt) as required	1.000	No	2,368.55	2,368.55
39	Salt / charcoal for pipe earth electrode Copper Earth Plate electrodeExtra for using salt and charcoal for G.I or copper pipe earth elctrrode as required.(make-HPL/ Havells/ Legrand /L&T/C&S)	1.000	No	469.29	469.29
40	S/F of 1200mm High Speed Ceiling fan Alluminium Body, Copper winding, High speed ceiling fan (Make-Crompton Model-Riviera High Speed, Polycab Model-Vital, Polar Model-Winpro) etc.	7.000	No	2,965.53	20,758.71
	Ground Floor + 1st Floor				
41	S/F of 8" PLASTIC VENTILLATING FAN exhaust fan (Make-Crompton Model-Jura, Polycab Model-Vital, Polar Model-Winpro) etc.	2.000	No	1,885.05	3,770.10
	Ground Floor				
42	S/F of 1x18 Watt LED T-5 fitting(Make-Crompton/Philips/Havells/Bajaj)	8.000	No	711.61	5,692.88
	Ground Floor + 1st Floor+2nd floor				
43	S/F of 60 W LED Street light fitting(Make-Crompton/Philips/Havells/Bajaj)	1.000	No	7,031.23	7,031.23
44	S/F OF TP & N SFU IN CUBICAL PANEL BOARD Providing and fixing of following capacity TP& N disconnecter fuse switch unit inside existing cubical panel board with ISI marked HRC fuses including drilling holes in cubical pannel, makinfg connection as required etc, complete 63 Amp TP & N	1.000	No	2,606.11	2,606.11

13/01/29

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
45	MV cable laying up to 25 sq.mm on surface Laying and fixing of one number of PVC Insulated and PVC seathed / XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm on surface as required.	20.000	mt.	256.91	5,138.20
46	Providing and fixing M.V danger board of 250 mm x 200 mm made mild steel at least 2 mm thick and vitreous enameled white on both sides and with inscription in single red colours on front side as required.	1.000	Each	157.68	157.68
47	S/F of 20 Watt LED Square surface mount fitting (Make-Havells/Philips/C&S/Crompton) of all sizes complete with all accessories and tube etc. directly on ceiling wall, including connection with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor and earthing as required.	7.000	Each	1,610.74	11,275.18
Subtotal (B)				Rs.	84,798.78

10-1-24
Block Development Officer
Dhamnagar

10/01/24
Asst. Executive Engineer
Dhamnagar Block

Rick
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DNE Dhamnagar
10/01/2024

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-C (PHD & Sanitation)					
48	Cutting holes through existing brick work including making good the same in cement mortar (1:4) for taking GI/PVC pipes and fittings etc all complete as per Engg.-In- charge. 250mm wall				
	All Floor	4.000	Hole	57.63	230.52
49	Cutting holes in R.C.C floors and roos upto 19cm thick for passing G.I/P.V.C pipes and fitting etc. and prepairing the holes after insertion of pipe etc. with cement concrete 1:2:4 including finishing complete so as to make it leak proof as per Engg.-In- charge.				
	All Floor	4.000	Hole	177.70	710.80
50	Cutting grooves in pucca floors and walls for taking GI/PVC pipes and making good the damages as per specification etc complete as per Engg.-In- charge.				
	All Floor	3.000	Mt	224.90	674.70
51	Providing and fixing on wall face unplasticised Rigid PVC soil, waste and rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes complete as per direction of Engineer-in-Charge				
	i 75mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	3.000	Mt	218.23	654.69
	ii 90mm OD P.V.C. SWR S/S Pipe (ISI type-A)(for rain wa				
	All Floor	6.000	Mt	278.45	1,670.70
	iii 110mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	6.000	Mt	344.38	2,066.28
52	Laying in trenches unplasticised PVC pipes IS:4985-2000 and specials of the following outside diameter for all classes including jointing with supply of approved solvent cement by heat application method including testing as per specification complete. (Earth work in trenches to be measured and paid for separately)				

SI .	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	i	125mm dia rigid UPVC pipe Class -3 (0.60Mpa)				
		All Floor	5.000	Mt	747.07	3,735.35
53	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge					
	i	20mm dia pipe				
		All Floor	12.000	Mt	266.72	3,200.64
	ii	25mm dia pipe				
		All Floor	6.000	Mt	361.86	2,171.16
54	Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansios etc complete as per direction of Engineer-in-Charge					
	A PVC SWR coupler					
	i	75 mm dia PVC SWR coupler				
		All Floor	2.000	Each	102.76	205.52
	ii	90 mm dia PVC SWR coupler				
		All Floor	2.000	Each	143.40	286.80
	iii	110 mm dia PVC SWR coupler				
		All Floor	2.000	Each	163.79	327.58
	B Single tee with door					
	i	75 x 75 x 75mm dia PVC SWR Tee				
		All Floor	2.000	Each	170.88	341.76
	ii	90 x 90 x 90mm dia PVC SWR Tee				
		All Floor	2.000	Each	239.75	479.50
	iii	110 x 110 x 110mm dia PVC SWR Tee				

SI.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	302.70	605.40
C	SWR Plain Bend 87.5°				
i	75mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	108.73	217.46
ii	90mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	121.81	243.62
iii	110mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	196.04	392.08
D	SWR Plain Door Bend 87.5°				
i	75mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	136.30	272.60
ii	90mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	180.63	361.26
iii	110mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	236.82	473.64
55	Fixing 100mm size 'P' or 'S' trap (with horn or without horn) for water closet squatting pan including jointing the trap with pan in cement mortar (1:1) as per specification. etc complete as per direction of Engineer-in-Charge				
i	'P' trap (with horn or without horn)				
	All Floor	2.000	Each	438.45	876.90
56	Fixing water closet, squatting pan (Indian type W.C pan) conforming to IS 2556 : Part 3-2004 duly embedded in cement concrete (1:4:8) using hard granite metal 4cm nominal size all complete as per specification all etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	3,465.01	3,465.01
57	Fixing wash down water closet (European type WC) with integral 'S' and 'P' trap to the floor with wooden plug and chromum plated screw including jointing the trap including eat cover all etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	3,653.28	3,653.28

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
58	Fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers all complete as per specification etc. complete as per direction of Engg. In charge.				
	All Floor	1.000	Each	743.03	743.03
59	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixers etc. complete as per direction of Engg. In charge.				
	All Floor	2.000	Each	2,057.52	4,115.03
60	Fixing Wash Basin with hole for pillar type with cast iron or M S bracket painted white including cutting holes in the walls and making good the damages etc. complete as per direction of Engg. in charge. Porcelain 22"x 16"(550x400) W.H.B				
	All Floor	2.000	Each	2,737.51	5,475.02
61	Fixing bowl pattern urinal conforming to IS 2556 : Part 6-1996 including connecting the urinal of 430x260x350 mm or 340x410x265 mm sizes respectively with waste pipe by means of white lead mixed with chopped hemp etc all complete as per specification.etc. complete as per direction of Engg. In charge Porcelain Flat back stall type magnum Urinal				
	All Floor	1.000	Each	6,226.18	6,226.18
62	Fixing glazed earthenware squatting plate of size 600mm x 350mm conforming to IS:2556- Part-6-1995 with integral longitudinal flushing pipe including embedding the plate in 25mm cement mortar (1:8) laid over 150mm cement concrete (1:4:8) using 40mm hard granite metal all complete as per specification etc. complete as per direction of Engg. in charge. One-seated Urinal 1m x 0.50m x 0.15m size				
	All Floor	3.000	Each	2,895.24	8,685.72
63	Fixing PVC waste pipe of following nominal diameter for wash basin or sink including brass check nut complete as per specificationetc. complete as per direction of Engg. in charge.				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	442.92	885.84
64	Fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin complete as per specification etc. complete as per direction of Engg. in charge.				
	All Floor	8.000	Each	110.24	881.92
65	Fixing of Brass Screw-down Bib Cocks (Taps) polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm Short Body Bib Cock				
	All Floor	2.000	Each	1,152.07	2,304.14
	ii 15mm Long Body Bib Cock				
	All Floor	2.000	Each	1,163.07	2,326.14
66	Fixing of Brass Screw-down Angle/Counseales stop cock Cocks polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia CP Brass Angle Stop Cock				
	All Floor	8.000	Each	1,010.95	8,087.60
	ii 20mm dia CP Brass Concealed Stop Cock				
	All Floor	2.000	Each	1,194.05	2,388.10
67	Fixing of Brass 15mm dia CP flange of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia CP flange				
	All Floor	14.000	Each	249.10	3,487.40
68	Fixing Bib Cock capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of the following nominal bore as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia C.P. Pillar cock with swinging spout				
	All Floor	2.000	Each	1,383.83	2,767.66
	ii C.P.revolving shower (bend type)				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	599.17	1,198.34
iii	CP Health Foucet with 1.0 mtr PVC Tube				
	All Floor	2.000	Each	760.16	1,520.32
69	Fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C sheet or plywood sheet and fixed to wooden plugs with chromium plated brass screws and washers complete as per specificationetc. complete as per direction of Engg. in charge.				
i	600mm x 450mm bevelled edge mirror				
	All Floor	2.000	Each	869.91	1,739.82
70	Fixing standard sized glass-shelf with Chromium Plated brass brackets and guard rails complete, fixed to woden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
i	C.P. glass self with glass				
	All Floor	1.000	Each	717.58	717.58
71	Fixing standard sized Chromium Plated brass towel rail complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws, complete as per specification. complete as per direction of Engg. in charge.				
i	C.P. towel rail.(600x20)mm				
	All Floor	1.000	Each	1,070.74	1,070.74
72	Fixing (a) Liquid Soap Container – Glass container or Plastic container with Chromium Plated brass lid and brackets fixed to wooden plugs with Chromium Plated brass screws or (b) Chromium Plated brass soap dish complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws or (c) white glazed tooth brush holder fixed to wooden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
i	C.P Soap holder/disc.				
	All Floor	4.000	Each	318.03	1,272.12

10/10/24

Govt. of Odisha
Panachayati Raj & DW Department



Block Development Officer
Dhamnagar
Dist-Bhadrak

Name of the work

Details Estimate for Construction of
GPLF Building at RAIPUR, G.P.
Block-Dhamnagar, Dist-
Bhadrak

RAIPUR

Estimated Cost :

Rs. 30,60,792.89

Rupees (Tharty Lakhs) Only

Year :

2023-24

T.S.No...128/23-24

REPORT :

Name of the work : Details estimate for Construction of GPLF Building at RAIPUR ,
G.P-Dobal, Block-Dhamnagar, Dist-Bhadrak

Estimated Cost : Rs. 30 ,60 ,792.89
Rupees (Tharty Lakhs)Only

Year : 2022-23

Sanction order No: MS-ME-INFRA--0001-2023-4777 Dt.-20.11.2023
Deptt. of Mission Shakti, Govt. of Odisha

In this estimate, necessary RCC frame structure has been adopted for the buildings using standard specifications. The Plinth height should be 1050mm from GL level & following provisions has been provided in this estimate.

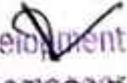
- 1 RCC frame structure with Pile Foundation has been adopted
- 2 RCC M20 grade concrete as per IS 456 2000
- 3 Fly ash Bricks massory work in C.M(1:6) for Foundation and Plinth
- 4 Fly ash Bricks in C.M(1:6) for superstructure
- 5 MS reinforcement of grade Fe415
- 6 12mm CP in cm (1:6) for outside , 16mm cp in cm(1:6) for inside and 6mm CP in cm(1:4) with close deep chipping for RCC work
- 7 inside wall finished with 2 coat Distemper, where as outside wall finished with weather coat paint.
- 8 MS grill finished with 2 coat enamel paint over 1 coat red oxide primer
- 9 Floor finished with AS Flooring, whare as Toilet Floor & Toilet Wall finished with Floor tiles & Glazed wall tiles respectively.
- 10 20mm grading Plaster over roof slab

The estimate has been framed basing upon the current Schedule of Rates - 2022. The detailed OPWD code shall be followed during course of execution of the project.

The feasibility of the project has been verified by the concerned Asst. Engg/JE & Asst. Executive Engineer. The project will be completed within the estimated cost in all respect.


DHAMANAGARB
Junior Engineer
Dhamnagar Block


AEE DHAMANAGAR BLOCK
Asst. Executive Engineer
Dhamnagar Block


Block Development Officer
DHAMANAGAR BLOCK
Junior Engineer
Block Development Officer
Dhamnagar Block

**General Abstract of cost for Construction of GPLF Building at RAIPUR ,
G.P-Dobal, Block-Dhamnagar, Dist-Bhadrak**

SI .	DESCRIPTION			AMOUNT	
				(Rs.)	
a	PART(A) - CIVIL COST			Rs.	23 ,65 ,877.88
b	PART(B) - INTERNAL ELECTRIFICATION COST			Rs.	84,798.78
c	PART(C) - PHD & SANITATION COST			Rs.	1 ,02 ,685.49
	Sub Total (A)			Rs.	25 ,53 ,362.15
	Add CGST	9.00%		Rs.	2 ,29 ,802.59
	Add SGST	9.00%		Rs.	2 ,29 ,802.59
	Sub Total (B)			Rs.	30 ,12 ,967.33
	Consultant fees 1.00%			Rs.	30,129.00
	Add Sign board			Rs.	5,000.00
	Add Works Contingency			Rs.	12,696.56
	Grand Total (C)			Rs.	30 ,60 ,792.89

Rupees (Tharty Lakhs)Only


Junior Engineer
Dhamnagar Block


Asst. Executive Engineer
Dhamnagar Block

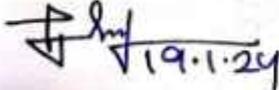

Block Development Officer
Dhamnagar

T.S.No. 128/23-24

Technically sanctioned for Rs. 30,12,967.33
Rupees Thirty lakh only

Administratively Approved
for Rs. 30,00,000.00

(Rupees Thirty lakh
only)


Asst. Executive Engineer
Zillaparishad, Bhadrak


Addl. Executive Officer (Tech.)
Parishad, Bhadrak


COLLECTOR, BHADRAK

Abstract of cost for Construction of GPLF Building at RAIPUR , G.P-Dobal, Block-Dhamnagar, Dist-Bhadrak

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-A (CIVIL)					
1	Foundation excavation in Earth work in hard soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department etc. complete.etc. complete as per direction of Engg-in-Charge .	24.690	Cum.	210.96	5,208.60
2	Filling foundation and plinth with sand and well watered and rammed including cost, conveyance and royalty etc complete as per direction of Engg.-in-Charge.	82.600	Cum.	1,218.55	100,652.23
3	Cement concrete (1:3:6)with 40mm size CBHG metal including cost, conveyance and royalty etc. complete as per direction of Engg.-in-Charge.	12.870	Cum.	6,331.35	81,484.47
4	Cement Concrete (1:2:4) with 12 mm size broken hard granite chips for R.C.C. works including hoisting and laying etc. complete as per direction of Engg-in-Charge .	0.100	Cum.	8,557.69	855.77
5	Fly Ash Brick masonry in c.m. 1:6 in F & P including cost,conveyance and royalty of materials curing etc. complete. as per the direction of the Engineer-in-charge.	22.390	Cum.	5,373.16	1,20,305.05
6	1" thick D.P.C with C.C(1:2:4) using 12mm. Chips etc. cpmplete as per direction of Engg-in-Charge .	43.630	Sqm.	327.64	14,294.93
7	1st class Fly Ash brick masonry work in superstructure thoroughly soaked in water, with cement mortar (1:6) including scaffoldings ,racking out joints, curing etc complete as per specification/drawing and as per the direction of the Engineer-in-charge.				
	(i) Ground Floor	34.270	Cum.	5,406.49	1,85,280.41
8	Providing and Laying reinforcement Cement concrete (M-20) with 20 mm and down graded chips including cost all materials,labours,T & P,curing etc complete (excluding the cost of reinforcement & Centering, shuttering) as per direction of Engineer-in-charge.				
	i Column Footing / Pile Cap	12.460	Cum.	7,182.24	89,490.71

Sl .	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	ii	Plinth Beam	4.990	Cum.	8,008.35	39,961.67
	iii	Beam & Column				
	a	Ground Floor	11.500	Cum.	14,995.88	1,72,452.62
	iv	65mm avg. Chajja				
	a	Ground Floor	10.035	Sqm.	1,170.88	11,749.78
	v	Roof Slab				
	a	Ground Floor	15.790	Cum.	13,437.80	2,12,182.86
	vi	Lintel				
	a	Ground Floor	2.570	Cum.	14,231.96	36,576.14
9		Single under reamed pile foundation with RCC M20 using 25mm and down graded size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel, etc. complete 300mm pile - 6.00m long	37	Pile	5,853.44	2,16,577.23
10		Supplying, fitting and placing uncoated HYSD bar reinforcement complete in proper position including cost of binding wire 18 to 20 gauge as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	70.000	Qtl	8,903.21	6,23,224.70
11		12mm cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	168.550	Sqm	163.89	27,623.66
12		16mm thick cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	300.740	Sqm	231.85	69,726.57
13		6mm.thick cement plaster with C.M(1:4) to RCC surface including closed deep chipping and slury treatment etc. complete as per direction of Engg.-in-Charge.				
	(i)	Ground Floor	139.460	Sqm	176.55	24,621.66
14		2.5cm. thick A.S.Flooring with C.C.1:2:4 using 12mm. size HBG crusher broken chips including punning, cost, conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge				

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	(i)	Ground Floor	99.760	Sqm	388.30	38,736.81
15	Cement punning including cost, conveyance of cement and curing etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	18.670	Sqm	53.17	992.68
16	Fixing Granite tiles of size above 0.4 Sqm. (20mm. thick) in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of marbel tiles etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	0.750	Sqm	3,119.58	2,339.69
17	Fixing granite tiles of 0.10 Sqm. & upto 0.4 Sqm. (10mm. thick) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, poloshing complete excluding cost of tiles etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	0.900	Sqm	2,344.46	2,110.01
18.	Wall Priming one coats on new work with wall water bound primer of approved shade as per direction of Engg-in-Charge .					
	(i)	Ground Floor	566.860	Sqm	65.11	36,908.25
19.	Wall painting two coats on new work with Distemper of approved shade etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	372.130	Sqm	76.02	28,289.32
20.	Wall painting two coats on new work with Weather coat paint of approved shade as per direction of Engg-in-Charge.					
	(i)	Ground Floor	204.570	Sqm	83.95	17,173.04
21.	Supplying and fixing of steel M.S. grill with all fitting and fixtures including cost of cutting holes in the brick masonry and R.C.C. columns and making good to damage etc, as per direction of Engineer -in -charge.					
	(i)	Ground	971.963	Kg.	101.40	98,557.00

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
22	Emel Painting two coats with enamel paint over one coat of primer of approved quality etc. complete as per direction of Engg-In-Charge .				
	(i) Ground Floor	62.290	Sqm	276.29	17,210.10
23	Fixing Floor tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of marbel tiles etc. complete as per direction of Engg-In-Charge .				
	(i) Ground Floor	8.410	Sqm.	1,077.27	9,059.84
24	Fixing Ceramic Glazed wall tiles in dados skirting and risers of stepson 12 mm thick cement plaster(1:3) jointed with neat cement slurry mixed with pigments to matche shade of the tiles including rubbing and polishing complete as per direction of Engineer-In-charge.				
	(i) Ground Floor	23.220	Sqm.	1,259.95	29,256.04
25	Fixing industrial Chequered tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of tiles etc. complete as per direction of Engg-In-Charge .				
	(i) Ground Floor	2.250	Sqm.	1,208.76	2,719.71
26	12mm. thick cement plaster in c.m. 1:4 over brick masonry including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .				
	i Ground Floor	12.240	Sqm.	177.04	2,166.97

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
27	Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitered cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockroll of size 100 mm x 37 mm, wall thickness 2 mm (± 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-in-charge.				
	i Ground Floor	2.870	Sqm.	4,908.02	14,086.02
28	20mm. thick grading plaster in c.m. 1:4 over roof slab and chujja including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .				
	i Ground Floor	131.970	Sqm.	257.67	34,004.05
Subtotal (A)				Rs.	23 ,65 ,877.88


Junior Engineer
Dhamnagar Block


Asst. Executive Engineer
Dhamnagar Block


Block Development Officer
Dhamnagar

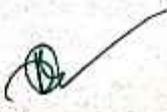
Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-B (ELECTRICAL)					
29	Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 V modular type switch ISI marked and ceiling rose ISI marked mounted on MS box having front modular cover of suitable size , MS modular box with 1.0 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	i Group-A	6.000	Point	500.23	3,001.38
	ii Group-B	6.000	Point	745.57	4,473.42
	iii Group-C	7.000	Point	1,054.51	7,381.57
30	Supplying and fixing of following MODULAR type Bell push on the existing switch box / cover including connections etc as required. as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	Ground Floor	2.000	Point	137.98	275.96
31	Recessed wiring to submain in 2 x 2.5 sq.mm FR PVC insulated single core multistrand copper conductor o f ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as equired.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	12.000	mt	147.92	1,775.04
32	Recessed wiring to submain in 2 x 4 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as equired.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	Ground Floor	12.000	mt	165.13	1,981.58
33	Recessed wiring to Supply and fixing of 01 no.sof 3pin 5/6 amp modular socket and S.P. 5/6 amp one way modular switch, 1 no. of 5 pin 15/16 socket out let and S.P. 15/16 A one way modular switch on Modular G.I. Box with Modular Base and cover. .(Make of wire Finolex/L&T/Anchor/Havells/V Guard)				
	Ground Floor	3.000	Point	1,043.86	3,131.58
34	Supplying and fixing of following MODULAR type switch / socket on the existing switch box / cover including connections etc as required (Modular type).(Make of wire Finolex/L&T/Anchor/Havells/V Guard)				
	Ground Floor	6.000	Point	111.61	669.66
35	Supplying and fixing of Call Bell / Buzzer ISI marked suitable for DC /AC single phase 230 volts complete as required (Make of wire Finolex/L&T/ Anchor/ Havells/V Guard)				
	Ground Floor	1.000	No	125.08	125.08
36	Supply and fixing of following way single pole and neutral, sheet steel, MCB distribution board consumer unit, 240 V on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, hinged front acrylic covr for the MCB knobs detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (But with out MCB / RCCB / Isolator) 8WAY (8 + 18) DOUBLE DOOR, HORIZONTAL TYPE				
	Ground Floor	1.000	No	1,641.68	1,641.68
37	Supply and fixing of 5Amp to 32A rating 240V "B/C" series MCB suitable for lighting and other loads of the following poles in the exiting MCB DB ISI marked complete with connections testing and commissioning etc. as required.(make-HPL/ Havells/ Legrand /L&T/C&S)				
	Ground Floor	8.000	No	134.24	1,073.92

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
38	G.I. Earth Pipe electrode with out salt / charcoal Earthing with G.I earth pipe 3 meter long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangment and watering pipe etc (but with out charcoal and salt) as required				
		1.000	No	2,368.55	2,368.55
39	Salt / charcoal for pipe earth electrode Copper Earth Plate electrodeExtra for using salt and charcoal for G.I or copper pipe earth elctrode as required.(make-HPL/ Havells/ Legrand /L&T/C&S)				
		1.000	No	469.29	469.29
40	S/F of 1200mm High Speed Ceiling fan Alluminium Body, Copper winding, High speed ceiling fan (Make-Crompton Model-Riviera High Speed, Polycab Model-Vital, Polar Model-Winpro) etc.				
	Ground Floor + 1st Floor	7.000	No	2,965.53	20,758.71
41	S/F of 8" PLASTIC VENTILLATING FAN exhaust fan (Make-Crompton Model-Jura, Polycab Model-Vital, Polar Model-Winpro) etc.				
	Ground Floor	2.000	No	1,885.05	3,770.10
42	S/F of 1x18 Watt LED T-5 fitting(Make-Crompton/Philips/Havells/Bajaj)				
	Ground Floor + 1st Floor+2nd floor	8.000	No	711.61	5,692.88
43	S/F of 60 W LED Street light fitting(Make-Crompton/Philips/Havells/Bajaj)				
		1.000	No	7,031.23	7,031.23
44	S/F OF TP & N SFU IN CUBICAL PANEL BOARD Providing and fixing of following capacity TP& N disconnecter fuse switch unit inside existing cubical panel board with ISI marked HRC fuses including drilling holes in cubical pannel, makinfg connection as requred etc, complete 63 Amp TP & N				
		1.000	No	2,606.11	2,606.11

Sl .	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
45	MV cable laying up to 25 sq.mm on surface Laying and fixing of one number of PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm on surface as required.				
		20.000	mt.	256.91	5,138.20
46	Providing and fixing M.V danger board of 250 mm x 200 mm made mild steel at least 2 mm thick and vitreous enameled white on both sides and with inscription in single red colours on front side as required.				
		1.000	Each	157.68	157.68
47	S/F of 20 Watt LED Square surface mount fitting (Make-Havells/Philips/C&S/Crompton) of all sizes complete with all accessories and tube etc. directly on ceiling wall, including connection with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor and earthing as required.				
		7.000	Each	1,610.74	11,275.18
Subtotal (B)					Rs. 84,798.78


Junior Engineer
Dhamnagar Block


Asst. Executive Engineer
Dhamnagar Block


Block Development Officer
Dhamnagar

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
PART-C (PHD & Sanitation)					
48	Cutting holes through existing brick work including making good the same in cement mortar (1:4) for taking GI/PVC pipes and fittings etc all complete as per Engg.-in- charge. 250mm wall				
	All Floor	4.000	Hole	57.95	231.80
49	Cutting holes in R.C.C floors and roos upto 19cm thick for passing G.I/P.V.C pipes and fitting etc. and prepairing the holes after insertion of pipe etc. with cement concrete 1:2:4 including finishing complete so as to make it leak proof as per Engg.-in- charge.				
	All Floor	4.000	Hole	178.40	713.60
50	Cutting grooves in pucca floors and walls for taking GI/PVC pipes and making good the damages as per specification etc complete as per Engg.-in- charge.				
	All Floor	3.000	Mt	231.40	694.20
51	Providing and fixing on wall face unplasticised Rigid PVC soil, waste and rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes complete as per direction of Engineer-in-Charge				
	i 75mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	3.000	Mt	218.23	654.69
	ii 90mm OD P.V.C. SWR S/S Pipe (ISI type-A)(for rain wa				
	All Floor	6.000	Mt	278.45	1,670.70
	iii 110mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	6.000	Mt	344.38	2,066.28
52	Laying in trenches unplasticised PVC pipes IS:4985-2000 and specials of the following outside diameter for all classes including jointing with supply of approved solvent cement by heat application method including testing as per specification complete. (Earth work in trenches to be measured and paid for separately)				

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	i	125mm dia rigid UPVC pipe Class -3 (0.60Mpa)				
		All Floor	5.000	Mt	747.07	3,735.35
53	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge					
	i	20mm dia pipe				
		All Floor	12.000	Mt	266.72	3,200.64
	ii	25mm dia pipe				
		All Floor	6.000	Mt	361.86	2,171.16
54	Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansios etc complete as per direction of Engineer-in-Charge					
	A PVC SWR coupler					
	i	75 mm dia PVC SWR coupler				
		All Floor	2.000	Each	102.76	205.52
	ii	90 mm dia PVC SWR coupler				
		All Floor	2.000	Each	143.40	286.80
	iii	110 mm dia PVC SWR coupler				
		All Floor	2.000	Each	163.79	327.58
	B Single tee with door					
	i	75 x 75 x 75mm dia PVC SWR Tee				
		All Floor	2.000	Each	170.88	341.76
	ii	90 x 90 x 90mm dia PVC SWR Tee				
		All Floor	2.000	Each	239.75	479.50
	iii	110 x 110 x 110mm dia PVC SWR Tee				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	302.70	605.40
C	SWR Plain Bend 87.5°				
i	75mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	108.73	217.46
ii	90mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	121.81	243.62
iii	110mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	196.04	392.08
D	SWR Plain Door Bend 87.5°				
i	75mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	136.30	272.60
ii	90mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	180.63	361.26
iii	110mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	236.82	473.64
55	Fixing 100mm size 'P' or 'S' trap (with horn or without horn) for water closet squatting pan including jointing the trap with pan in cement mortar (1:1) as per specification. etc complete as per direction of Engineer-in-Charge				
i	'P' trap (with horn or without horn)				
	All Floor	2.000	Each	438.45	876.90
56	Fixing water closet, squatting pan (Indian type W.C pan) conforming to IS 2556 : Part 3-2004 duly embedded in cement concrete (1:4:8) using hard granite metal 4cm nominal size all complete as per specification all etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	3,502.33	3,502.33
57	Fixing wash down water closet (European type WC) with integral 'S' and 'P' trap to the floor with wooden plug and chromum plated screw including jointing the trap including eat cover all etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	3,653.28	3,653.28

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
58	Fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers all complete as per specification etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	743.03	743.03
59	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixers etc. complete as per direction of Engg. in charge.				
	All Floor	2.000	Each	2,057.52	4,115.03
60	Fixing Wash Basin with hole for pillar type with cast iron or M S bracket painted white including cutting holes in the walls and making good the damages etc. complete as per direction of Engg. in charge. Porcelain 22"x 16"(550x400) W.H.B				
	All Floor	2.000	Each	2,737.51	5,475.02
61	Fixing bowl pattern urinal conforming to IS 2556 : Part 6-1996 including connecting the urinal of 430x260x350 mm or 340x410x265 mm sizes respectively with waste pipe by means of white lead mixed with chopped hemp etc all complete as per specification.etc. complete as per direction of Engg. in charge Porcelain Flat back stall type magnum Urinal				
	All Floor	1.000	Each	6,226.18	6,226.18
62	Fixing glazed earthenware squatting plate of size 600mm x 350mm conforming to IS:2556- Part-6-1995 with integral longitudinal flushing pipe including embedding the plate in 25mm cement mortar (1:8) laid over 150mm cement concrete (1:4:8) using 40mm hard granite metal all complete as per specification etc. complete as per direction of Engg. in charge. One-seated Urinal 1m x 0.50m x 0.15m size				
	All Floor	3.000	Each	2,895.24	8,685.72
63	Fixing PVC waste pipe of following nominal diameter for wash basin or sink including brass check nut complete as per specification etc. complete as per direction of Engg. in charge.				

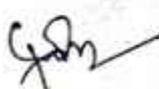
Sl. No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	442.92	885.84
64	Fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin complete as per specification etc. complete as per direction of Engg. in charge.				
	All Floor	8.000	Each	110.24	881.92
65	Fixing of Brass Screw-down Bib Cocks (Taps) polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm Short Body Bib Cock				
	All Floor	2.000	Each	1,152.07	2,304.14
	ii 15mm Long Body Bib Cock				
	All Floor	2.000	Each	1,163.07	2,326.14
66	Fixing of Brass Screw-down Angle/Counseales stop cock Cocks polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia CP Brass Angle Stop Cock				
	All Floor	8.000	Each	1,010.95	8,087.60
	ii 20mm dia CP Brass Concealed Stop Cock				
	All Floor	2.000	Each	1,194.05	2,388.10
67	Fixing of Brass 15mm dia CP flange of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia CP flange				
	All Floor	14.000	Each	249.10	3,487.40
68	Fixing Bib Cock capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of the following nominal bore as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia C.P. Pillar cock with swinging spout				
	All Floor	2.000	Each	1,383.83	2,767.66
	ii C.P.revolving shower (bend type)				

ii.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	599.17	1,198.34
iii	CP Health Foucet with 1.0 mtr PVC Tube				
	All Floor	2.000	Each	760.16	1,520.32
39	Fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C sheet or plywood sheet and fixed to wooden plugs with chromium plated brass screws and washers complete as per specificationetc. complete as per direction of Engg. in charge.				
i	600mm x 450mm bevelled edge mirror				
	All Floor	2.000	Each	869.91	1,739.82
70	Fixing standard sized glass-shelf with Chromium Plated brass brackets and guard rails complete, fixed to woden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
i	C.P. glass self with glass				
	All Floor	1.000	Each	717.58	717.58
71	Fixing standard sized Chromium Plated brass towel rail complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws, complete as per specification. complete as per direction of Engg. in charge.				
i	C.P. towel rail.(600x20)mm				
	All Floor	1.000	Each	1,070.74	1,070.74
72	Fixing (a) Liquid Soap Container – Glass container or Plastic container with Chromium Plated brass lid and brackets fixed to wooden plugs with Chromium Plated brass screws or (b) Chromium Plated brass soap dish complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws or (c) white glazed tooth brush holder fixed to wooden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
i	C.P Soap holder/disc.				
	All Floor	4.000	Each	318.03	1,272.12

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
73	Fixing Rotational moulded polyethylene cylindrical vertical water storage tanks conforming to IS : 12701--1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jam nuts, fixing ball valve etc, including hoisting upto a height of 5 metres above ground level and placing the tank to the required position etc all complete as per specification complete as per direction of Engg. in charge.				
i	1000 litre capacity Double Layer Cylindrical Vertical water storage tanks	1.000	Nos	12,974.53	12,974.53
74	Supply , fitting and fixing of following fixers including all materials and labours etc all complete as per specification complete as per direction of Engg. in charge.				
i	450x450mm Square Man Hole Cover -16.0 kg	2.000	Nos	1,978.50	3,957.00
ii	90mm dia P.V.C. Nahani Trap	3.000	Nos	132.08	396.24
iii	110mm dia PVC SWR Single Y with door	2.000	Nos	352.52	705.04
iv	PVC SWR Jalli 110mm dia	4.000	Nos	16.46	65.84
v	110 mm dia P.V.C. SWR Vent Cowl	1.000	Nos	38.11	38.11
vi	UPVC BALL VALVE Sch-80 (Solvent Welded with Metal Ball)				
a	25mmdia	2.000	Nos	638.94	1,277.88
				Subtotal (C)	Rs. 1,02,685.49

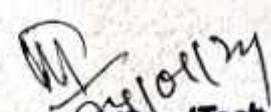
Total items (Civil + Electrical + PHD)

25,53,302.15


Junior Engineer
Dhamnagar Block


Asst. Executive Engineer
Dhamnagar Block


Block Development Officer
Dhamnagar


Addl. Executive Officer (Tech.)
Zilla Parishad, Bhadrak

Govt. of Odisha
Panachayati Raj & DW Department



Block Development Officer
Dhamnagar
Dist-Bhadrak

Block	Dhamnagar
Name of the work	Details Estimate for Construction of GPLF Building at Palasahi , G.P- Palasahi, Block-Dhamnagar, Dist- Bhadrak
Estimated Cost :	Rs. 30 ,00 ,000.00 Rupees (Tharty Lakhs)Only
Year :	2023-24
G.P :	Palasahi
Scheme :	Mission Shakti(S.H.G)

T.S.No. 131/23-24.

REPORT :

Name of the work : Details estimate for Construction of GPLF Building at Palasahi,
G.P-Palasahi, Block-Dhamnagar, Dist-Bhadrak

Estimated Cost : Rs. 30,00,000.00

Rupees (Tharty Lakhs)Only

Year : 2022-23

Sanction order No: MS-ME-INFRA-0001-2023-4777 Dt.-20.11.2023

Deptt. of Mission Shakti, Govt. of Odisha

In this estimate, necessary RCC frame structure has been adopted for the buildings using standard specifications. The Plinth height should be 1050mm from GL level & following provisions has been provided in this estimate.

- 1 RCC frame structure with Pile Foundation has been adopted
- 2 RCC M20 grade concrete as per IS 456 2000
- 3 Fly ash Bricks massory work in C.M(1:6) for Foundation and Plinth
- 4 Fly ash Bricks in C.M(1:6) for superstructure
- 5 MS reinforcement of grade Fe415
- 6 12mm CP in cm (1:6) for outside , 16mm cp in cm(1:6) for inside and 6mm CP in cm(1:4) with close deep chipping for RCC work
- 7 inside wall finished with 2 coat Distemper, where as outside wall finished with weather coat paint.
- 8 MS grill finished with 2 coat enamel paint over 1 coat red oxide primer
- 9 Floor finished with AS Flooring, whare as Toilet Floor & Toilet Wall finished with Floor tiles & Glazed wall tiles respectively.
- 10 20mm grading Plaster over roof slab

The estimate has been framed basing upon the current Schedule of Rates - 2022. The detailed OPWD code shall be followed during course of execution of the project.

The feasibility of the project has been verified by the concerned Asst. Engg/JE & Asst. Executive Engineer. The project will be completed within the estimated cost in all respect.


Junior Engineer
Dhamnagar Block


A.E.E
Asst. Executive Engineer
Dhamnagar Block

B.D.O

Block Development Officer
Dhamnagar

General Abstract of cost for Construction of GPLF Building at Palasahi , G.P-Palrasahil, Block-Dhamnagar, Dist-Bhadrak			
Sl .	DESCRIPTION		AMOUNT
			(Rs.)
a	PART(A) - CIVIL COST		Rs. 23 ,14 ,929.55
b	PART(B) - INTERNAL ELECTRIFICATION COST		Rs. 84,798.78
c	PART(C) - PHD & SANITATION COST		Rs. 1 ,02 ,624.59
	Sub Total (A)		Rs. 25 ,02 ,352.92
	Add CGST	9.00%	Rs. 2 ,25 ,211.76
	Add SGST	9.00%	Rs. 2 ,25 ,211.76
	Sub Total (B)		Rs. 29 ,52 ,776.44
	Consultant fees 1.00%		Rs. 29,527.00
	Add Sign board		Rs. 5,000.00
	Add Works Contingency		Rs. 12,696.56
	Grand Total (C)		Rs. 30 ,00 ,000.00

Rupees (Tharty Lakhs)Only

J.E
Junior Engineer
Dhamnagar Block

A.E.E
Asst. Executive Engineer
Dhamnagar Block

BDO
Block Development Officer
Dhamnagar

T.S.No. 131/23-24

Technically sanctioned for Rs. 30,00,000.00
(Rupees thirty lakh only)Administratively Approved
for Rs. 30,00,000.00
(Rupees thirty lakh
.....only)

Asst. Executive Engineer
Zillaparishad, Bhadrak

Add. Executive Officer (Tech.)
Zilla Parishad, Bhadrak

COLLECTOR, BHADRAK

Abstract of cost for Construction of GPLF Building at Palasahi , G.P-Palasahi, Block-Dhamnagar, Dist-Bhadrak					
Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
PART-A (CIVIL)					
1	Foundation excavation in Earth work in hard soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department etc. complete.etc. complete as per direction of Engg-in-Charge .	24.690	Cum.	210.96	5,208.60
2	Filling foundation and plinth with sand and well watered and rammed including cost, conveyance and royalty etc complete as per direction of Engg.-in-Charge.	82.600	Cum.	953.81	78,784.71
3	Cement concrete (1:3:6)with 40mm size CBHG metal including cost, conveyance and royalty etc. complete as per direction of Engg.-in-Charge.	12.870	Cum.	6,061.55	78,012.15
4	Cement Concrete (1:2:4) with 12 mm size broken hard granite chips for R.C.C. works including hoisting and laying etc. complete as per direction of Engg-in-Charge .	0.100	Cum.	8,304.76	830.48
5	Fly Ash Brick masonry in c.m. 1:6 in F & P including cost,conveyance and royalty of materials curing etc. complete. as per the direction of the Engineer-in-charge.	22.390	Cum.	5,299.04	1,18,645.51
6	1" thick D.P.C with C.C(1:2:4) using 12mm. Chips etc. cpmplete as per direction of Engg-in-Charge .	43.630	Sqm.	321.03	14,006.54
7	1st class Fly Ash brick masonry work in superstructure thoroughly soaked in water, with cement mortar (1:6) including scaffoldings ,racking out joints, curing etc complete as per specification/drawing and as per the direction of the Engineer-in-charge.				
	(i) Ground Floor	34.270	Cum.	5,332.37	1,82,740.32
8	Providing and Laying reinforcement Cement concrete (M-20) with 20 mm and down graded chips including cost all materials,labours,T & P,curing etc complete (excluding the cost of reinforcement & Centering, shuttering) as per direction of Engineer-in-charge.				
	i Column Footing / Pile Cap	12.460	Cum.	6,929.34	86,339.58

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
ii	Plinth Beam	4.990	Cum.	7,755.45	38,699.70
iii	Beam & Column				
a	Ground Floor	11.500	Cum.	14,742.98	1,69,544.27
iv	65mm avg. Chajja				
a	Ground Floor	10.035	Sqm.	1,154.44	11,584.81
v	Roof Slab				
a	Ground Floor	15.790	Cum.	13,184.90	2,08,189.57
vi	Lintel				
a	Ground Floor	2.570	Cum.	13,979.06	35,926.18
9	Single under reamed pile foundation with RCC M20 using 25mm and down graded size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel. etc. complete 300mm pile - 6.00m long	37	Pile	5,718.12	2,11,570.31
10	Supplying, fitting and placing uncoated HYSD bar reinforcement complete in proper position including cost of binding wire 18 to 20 gauge as per direction of Engg.-in-Charge.				
(i)	Ground Floor	70.000	Qtl	8,903.21	6,23,224.70
11	12mm cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
(i)	Ground Floor	168.550	Sqm	159.92	26,954.52
12	16mm thick cement plaster in cement mortar (1:6) including necessary scaffolding curing etc. as per direction of Engg.-in-Charge.				
(i)	Ground Floor	300.740	Sqm	227.08	68,292.04
13	6mm.thick cement plaster with C.M(1:4) to RCC surface including closed deep chipping and slury treatment etc. complete as per direction of Engg.-in-Charge.				
(i)	Ground Floor	139.460	Sqm	174.56	24,344.14
14	2.5cm. thick A.S.Flooring with C.C.1:2:4 using 12mm. size HBG crusher broken chips including punning, cost, conveyance and royalty of materials curing etc. complete as per direction of Engg.-in-Charge				

Sl.	DESCRIPTION		QTY	UNIT	RATE	AMOUNT
						(Rs.)
	(i)	Ground Floor	99.760	Sqm	381.69	38,077.39
15	Cement punning including cost, conveyance of cement and curing etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	18.670	Sqm	53.17	992.68
16	Fixing Granite tiles of size above 0.4 Sqm. (20mm. thick) in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades includind cost for rubbing, polishing & cost of marbel tiles etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	0.750	Sqm	3,116.14	2,337.11
17	Fixing granite tiles of 0.10 Sqm. & upto 0.4 Sqm. (10mm. thick) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades includind cost for rubbing, poloshing complete excluding cost of tiles etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	0.900	Sqm	2,340.48	2,106.43
18.	Wall Priming one coats on new work with wall water bound primer of approved shade as per direction of Engg-in-Charge .					
	(i)	Ground Floor	566.860	Sqm	65.11	36,908.25
19.	Wall painting two coats on new work with Distemper of approved shade etc. complete as per direction of Engg-in-Charge .					
	(i)	Ground Floor	372.130	Sqm	76.02	28,289.32
20.	Wall painting two coats on new work with Weather coat paint of approved shade as per direction of Engg.-in-Charge.					
	(i)	Ground Floor	204.570	Sqm	83.95	17,173.04
21.	Supplying and fixing of steel M.S. grill with all fitting and fixtures including cost of cutting holes in the brick masonry and R.C.C. columns and making good to damage etc, as per direction of Engineer -in -charge.					
	(i)	Ground	971.963	Kg.	101.40	98,557.00

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
22	Emel Painting two coats with enamel paint over one coat of primer of approved quality etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	62.290	Sqm	276.29	17,210.10 ✓
23	Fixing Floor tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of marbel tiles etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	8.410	Sqm.	1,073.83	9,030.91 ✓
24	Fixing Ceramic Glazed wall tiles in dados skirting and risers of stepson 12 mm thick cement plaster(1:3) jointed with neat cement slurry mixed with pigments to matche shade of the tiles including rubbing and polishing complete as per direction of Engineer-in-charge.				
	(i) Ground Floor	23.220	Sqm.	1,256.01	29,164.55 ✓
25	Fixing industrial Chequered tiles in floors,treads or steps and landings on 25 mm thick CM (1:1) jointed with neat cement slurry mixed with pigments to match the shades including cost for rubbing, polishing & cost of tiles etc. complete as per direction of Engg-in-Charge .				
	(i) Ground Floor	2.250	Sqm.	1,205.32	2,711.97 ✓
26	12mm. thick cement plaster in c.m. 1:4 over brick masonry including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .				
	i Ground Floor	12.240	Sqm.	173.07	2,118.38 ✓

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
27	Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitered cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-in-charge.				
	i Ground Floor	2.870	Sqm.	4,908.02	14,086.02 ✓
28	20mm. thick grading plaster in c.m. 1:4 over roof slab and chujja including cost conveyance and royalty of materials curing etc. complete as per direction of Engg-in-Charge .				
	i Ground Floor	131.970	Sqm.	252.10	33,268.98 ✓
				Subtotal (A)	Rs. 23,14,929.55 ✓

SI .	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-B (ELECTRICAL)					
29	Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metalic PVC flexible conduit with 5 Amp, 250 V modular type switch ISI marked and ceiling rose ISI marked mounted on MS box having front modular cover of suitable size , MS modular box with 1.0 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	i Group-A	6.000	Point	500.23	3,001.38
	ii Group-B	6.000	Point	745.57	4,473.42
	iii Group-C	7.000	Point	1,054.51	7,381.57
30	Supplying and fixing of following MODULAR type Bell push on the existing switch box / cover including connections etc as required. as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)				
	Ground Floor	2.000	Point	137.98	275.96
31	Recessed wiring to submain in 2 x 2.5 sq.mm FR PVC insulated single core multistrand copper conductor o f ISI marked confirming to IS-694/1990 in 20 mm dia non-metalic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as equired.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				
	Ground Floor	12.000	mt	147.92	1,775.04
32	Recessed wiring to submain in 2 x 4 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metalic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire as equired.(Make of wire Finolex/L&T/Anchor/Havels/V Guard)				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	Ground Floor	12.000	mt	165.13	1,981.56
33	Recessed wiring to Supply and fixing of 01 no.sof 3pin 5/6 amp modular socket and S.P. 5/6 amp one way modular switch, 1 no. of 5 pin 15/16 socket out let and S.P. 15/16 A one way modular switch on Modular G.I. Box with Modular Base and cover. (Make of wire Finolex/L&T/Anchor/Havells/V Guard)				
	Ground Floor	3.000	Point	1,043.86	3,131.58
34	Supplying and fixing of following MODULAR type switch / socket on the existing switch box / cover including connections etc as required (Modular type).(Make of wire Finolex/L&T/Anchor/Havells/V Guard)				
	Ground Floor	6.000	Point	111.61	669.66
35	Supplying and fixing of Call Bell / Buzzer ISI marked suitable for DC /AC single phase 230 volts complete as required (Make of wire Finolex/L&T/ Anchor/ Havells/V Guard)				
	Ground Floor	1.000	No	125.08	125.08
36	Supply and fixing of following way single pole and neutral, sheet steel, MCB distribution board consumer unit, 240 V on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, hinged front acrylic covr for the MCB knobs detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (But with out MCB / RCCB / Isolator) 8WAY (8 + 18) DOUBLE DOOR, HORIZONTAL TYPE				
	Ground Floor	1.000	No	1,641.68	1,641.68
37	Supply and fixing of 5Amp to 32A rating 240V "B/C" series MCB suitable for lighting and other loads of the following poles in the exiting MCB DB ISI marked complete with connections testing and commissioning etc. as required.(make-HPL/ Havells/ Legrand /L&T/C&S)				
	Ground Floor	8.000	No	134.24	1,073.92

SI.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
38	G.I. Earth Pipe electrode with out salt / charcoal Earthing with G.I earth pipe 3 meter long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangment and watering pipe etc (but with out charcoal and salt) as required				
		1.000	No	2,368.55	2,368.55
39	Salt / charcoal for pipe earth electrode Copper Earth Plate electrodeExtra for using salt and charcoal for G.I or copper pipe earth elctrrode as required.(make-HPL/ Havells/ Legrand /L&T/C&S)				
		1.000	No	469.29	469.29
40	S/F of 1200mm High Speed Ceiling fan Alluminium Body, Copper winding, High speed ceiling fan (Make-Crompton Model-Riviera High Speed, Polycab Model-Vital, Polar Model-Winpro) etc.				
	Ground Floor + 1st Floor	7.000	No	2,965.53	20,758.71
41	S/F of 8" PLASTIC VENTILLATING FAN exhaust fan (Make-Crompton Model-Jura, Polycab Model-Vital, Polar Model-Winpro) etc.				
	Ground Floor	2.000	No	1,885.05	3,770.10
42	S/F of 1x18 Watt LED T-5 fitting(Make-Crompton/Philips/Havells/Bajaj)				
	Ground Floor + 1st Floor+2nd floor	8.000	No	711.61	5,692.88
43	S/F of 60 W LED Street light fitting(Make-Crompton/Philips/Havells/Bajaj)				
		1.000	No	7,031.23	7,031.23
44	S/F OF TP & N SFU IN CUBICAL PANEL BOARD Providing and fixing of following capacity TP& N disconnecter fuse switch unit inside existing cubical panel board with ISI marked HRC fuses including drilling holes in cubical pannel, makinfg connection as required etc, complete 63 Amp TP & N				
		1.000	No	2,606.11	2,606.11

Sl .	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
45	MV cable laying up to 25 sq.mm on surface Laying and fixing of one number of PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm on surface as required.				
		20.000	mt.	256.91	5,138.20
46	Providing and fixing M.V danger board of 250 mm x 200 mm made mild steel at least 2 mm thick and vitreous enameled white on both sides and with inscription in single red colours on front side as required.				
		1.000	Each	157.68	157.68
47	S/F of 20 Watt LED Square surface mount fitting (Make-Havells/Philips/C&S/Crompton) of all sizes complete with all accessories and tube etc. directly on ceiling wall, including connection with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor and earthing as required.				
		7.000	Each	1,610.74	11,275.18
				Subtotal (B)	Rs. 84,798.78

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
PART-C (PHD & Sanitation)					
48	Cutting holes through existing brick work including making good the same in cement mortar (1:4) for taking GI/PVC pipes and fittings etc all complete as per Engg.-in- charge. 250mm wall				
	All Floor	4.000	Hole	57.63	230.52
49	Cutting holes in R.C.C floors and roos upto 19cm thick for passing G.I/P.V.C pipes and fitting etc. and preparing the holes after insertion of pipe etc. with cement concrete 1:2:4 including finishing complete so as to make it leak proof as per Engg.-in- charge.				
	All Floor	4.000	Hole	177.70	710.80
50	Cutting grooves in pucca floors and walls for taking GI/PVC pipes and making good the damages as per specification etc complete as per Engg.-in- charge.				
	All Floor	3.000	Mt	224.90	674.70
51	Providing and fixing on wall face unplasticised Rigid PVC soil, waste and rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes complete as per direction of Engineer-in-Charge				
	i 75mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	3.000	Mt	218.23	654.69
	ii 90mm OD P.V.C. SWR S/S Pipe (ISI type-A)(for rain wa				
	All Floor	6.000	Mt	278.45	1,670.70
	iii 110mm OD P.V.C. SWR S/S Pipe (ISI type-A)				
	All Floor	6.000	Mt	344.38	2,066.28
52	Laying in trenches unplasticised PVC pipes IS:4985-2000 and specials of the following outside diameter for all classes including jointing with supply of approved solvent cement by heat application method including testing as per specification complete. (Earth work in trenches to be measured and paid for separately)				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
i	125mm dia rigid UPVC pipe Class -3 (0.60Mpa)				
	All Floor	5.000	Mt	747.07	3,735.35
53	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge				
i	20mm dia pipe				
	All Floor	12.000	Mt	266.72	3,200.64
ii	25mm dia pipe				
	All Floor	6.000	Mt	361.86	2,171.16
54	Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansios etc complete as per direction of Engineer-in-Charge				
A PVC SWR coupler					
i	75 mm dia PVC SWR coupler				
	All Floor	2.000	Each	102.76	205.52
ii	90 mm dia PVC SWR coupler				
	All Floor	2.000	Each	143.40	286.80
iii	110 mm dia PVC SWR coupler				
	All Floor	2.000	Each	163.79	327.58
B Single tee with door					
i	75 x 75 x 75mm dia PVC SWR Tee				
	All Floor	2.000	Each	170.88	341.76
ii	90 x 90 x 90mm dia PVC SWR Tee				
	All Floor	2.000	Each	239.75	479.50
iii	110 x 110 x 110mm dia PVC SWR Tee				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	302.70	605.40
C	SWR Plain Bend 87.5°				
i	75mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	108.73	217.46
ii	90mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	121.81	243.62
iii	110mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	196.04	392.08
D	SWR Plain Door Bend 87.5°				
i	75mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	136.30	272.60
ii	90mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	180.63	361.26
iii	110mm diaP.V.C. SWR plain bend 87.5				
	All Floor	2.000	Each	236.82	473.64
55	Fixing 100mm size 'P' or 'S' trap (with horn or without horn) for water closet squatting pan including jointing the trap with pan in cement mortar (1:1) as per specification. etc complete as per direction of Engineer-in-Charge				
i	'P' trap (with horn or without horn)				
	All Floor	2.000	Each	438.45	876.90
56	Fixing water closet, squatting pan (Indian type W.C pan) conforming to IS 2556 : Part 3-2004 duly embedded in cement concrete (1:4:8) using hard granite metal 4cm nominal size all complete as per specification all etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	3,465.01	3,465.01
57	Fixing wash down water closet (European type WC) with integral 'S' and 'P' trap to the floor with wooden plug and chromum plated screw including jointing the trap including eat cover all etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	3,653.28	3,653.28

SI.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
58	Fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers all complete as per specification etc. complete as per direction of Engg. in charge.				
	All Floor	1.000	Each	743.03	743.03
59	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixers etc. complete as per direction of Engg. in charge.				
	All Floor	2.000	Each	2,057.52	4,115.03
60	Fixing Wash Basin with hole for pillar type with cast iron or M S bracket painted white including cutting holes in the walls and making good the damages etc. complete as per direction of Engg. in charge. Porcelain 22"x 16"(550x400) W.H.B				
	All Floor	2.000	Each	2,737.51	5,475.02
61	Fixing bowl pattern urinal conforming to IS 2556 : Part 6-1996 including connecting the urinal of 430x260x350 mm or 340x410x265 mm sizes respectively with waste pipe by means of white lead mixed with chopped hemp etc all complete as per specification.etc. complete as per direction of Engg. in charge Porcelain Flat back stall type magnum Urinal				
	All Floor	1.000	Each	6,226.18	6,226.18
62	Fixing glazed earthenware squatting plate of size 600mm x 350mm conforming to IS:2556- Part-6-1995 with integral longitudinal flushing pipe including embedding the plate in 25mm cement mortar (1:8) laid over 150mm cement concrete (1:4:8) using 40mm hard granite metal all complete as per specification etc. complete as per direction of Engg. in charge. One-seated Urinal 1m x 0.50m x 0.15m size				
	All Floor	3.000	Each	2,895.24	8,685.72
63	Fixing PVC waste pipe of following nominal diameter for wash basin or sink including brass check nut complete as per specification etc. complete as per direction of Engg. in charge.				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	442.92	885.84
64	Fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin complete as per specification etc. complete as per direction of Engg. in charge.				
	All Floor	8.000	Each	110.24	881.92
65	Fixing of Brass Screw-down Bib Cocks (Taps) polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm Short Body Bib Cock				
	All Floor	2.000	Each	1,152.07	2,304.14
	ii 15mm Long Body Bib Cock				
	All Floor	2.000	Each	1,163.07	2,326.14
66	Fixing of Brass Screw-down Angle/Counseales stop cock Cocks polished bright conforming to IS:781-1995 of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia CP Brass Angle Stop Cock				
	All Floor	8.000	Each	1,010.95	8,087.60
	ii 20mm dia CP Brass Concealed Stop Cock				
	All Floor	2.000	Each	1,194.05	2,388.10
67	Fixing of Brass 15mm dia CP flange of the following nominal sizes as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia CP flange				
	All Floor	14.000	Each	249.10	3,487.40
68	Fixing Bib Cock capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of the following nominal bore as per specification etc. complete as per direction of Engg. in charge.				
	i 15mm dia C.P. Pillar cock with swinging spout				
	All Floor	2.000	Each	1,383.83	2,767.66
	ii C.P.revolving shower (bend type)				

Sl.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
	All Floor	2.000	Each	599.17	1,198.34
iii	CP Health Foucet with 1.0 mtr PVC Tube				
	All Floor	2.000	Each	760.16	1,520.32
69	Fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C sheet or plywood sheet and fixed to wooden plugs with chromium plated brass screws and washers complete as per specificationetc. complete as per direction of Engg. in charge.				
i	600mm x 450mm bevelled edge mirror				
	All Floor	2.000	Each	869.91	1,739.82
70	Fixing standard sized glass-shelf with Chromium Plated brass brackets and guard rails complete, fixed to woden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
i	C.P. glass self with glass				
	All Floor	1.000	Each	717.58	717.58
71	Fixing standard sized Chromium Plated brass towel rail complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws, complete as per specification. complete as per direction of Engg. in charge.				
i	C.P. towel rail.(600x20)mm				
	All Floor	1.000	Each	1,070.74	1,070.74
72	Fixing (a) Liquid Soap Container – Glass container or Plastic container with Chromium Plated brass lid and brackets fixed to wooden plugs with Chromium Plated brass screws or (b) Chromium Plated brass soap dish complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws or (c) white glazed tooth brush holder fixed to wooden plugs with Chromium Plated brass screws as per specification complete as per direction of Engg. in charge.				
i	C.P Soap holder/disc.				
	All Floor	4.000	Each	318.03	1,272.12

