

1. General:

All sanitary fixtures and their allied fittings should be of first quality, manufactured by reputed manufacture Hindware/ E.I.D. Parry Ltd./Nycer /Madhusudan ceramics or equivalent. These should be approved by the consultant / Engineer-in-charge before use.

2. Squatting pattern W.C. pan (Orissa pattern Closets):

The water closets shall be of vitreous china of specified size and pattern, integral flushing rim. It shall have the flushing inlet at the back. The Orissa closets should be of approved quality confirming to I.S.S:- 2556 (part-III).

The squatting type Indian water closets (Orissa closet) shall be sunk in floor sloped towards the pan in a workmanship like manner. The closet shall be fixed on a proper cement concrete base of 1:3:6 proportions, taking care that the cushion is uniform and even without closet, to receive the specified thickness of the floor finishing. The joint between the closet and the P.V.C. (S.W.R.) Trap shall be made with W.C. ring and rubber lubricant and shall be of leak proof.

3. Wash Hand Basin:

The wash hand basin shall be of the white vitreous china of approved quality, make and brand I.S.I. marked. It shall be one-piece construction with an integral combined overflow. The size of the basin shall be specified. Each basin shall be provided with one 15mm dia C.P. Brass pillar Tap, 32mm dia C.P waste C.P. chain and rubber plug, unions, joints, C.P. Bottle trap casted PVC waste pipe complete in all respects of approved quality.

The basin shall be supported on a pair of R.S. or C.I. cantilever brackets (built in type) embedded and fixed in wall with cement concrete, M20. These brackets shall be painted to the required shade with two coats of synthetic enamel paint over coat of priming. The waste of the basin shall discharge into a floor trap or channel through bottle traps PVC waste pipe as specified. One 32mm dia C.P. bottle trap is to be fixed to the waste of the basin, & the outlet of the bottle trap is to be connected to the waste pipe, to discharge the waste to the foresaid floor trap. The inlet connection to the basin shall be made with 450mm long 15mm dia heavy type P.V.C. connection pipe.

4. Kitchen Sink:

Unless otherwise mentioned the kitchen sink and drain board (if used) shall be of white vitreous china or fire clay as specified and of approved quality, make and brand, confirming to I.S.S. It shall be one-piece construction with integral combined overflow. The size of the sink and drain board shall be specified.

Each sink shall be provided with 15mm dia C.P. brass, Bib Cock, long body 40mm C.P. waste with overflow C.P. chain and rubber plug, union etc., complete in all respects as specified and of approved quality.

The sink shall be supported on a pair of M.S. or C.I. cantilever brackets (built in type) embedded or fixed in position in the wall by cement concrete M20. The brackets shall be painted to required shade with two coats of approved synthetic enamel paint over a coat of priming. The waste should discharge into a floor trap or channel. The waste pipe should be 40mm dia PVC pipe jointed to the waste of the sink with a brass union nut.

5. Standing Urinals

The urinals shall be flat pattern lipped front basin of required dimension of white/coloured vitreous china and one piece construction with internal flushing box, rim of an approved make and brand as specified. It shall be fixed in the position by using wooden plug embedded in the wall with screws of proper size. Each urinal shall be connected to a 40mm dia PVC waste pipe, which shall discharge into a channel or floor trap. The lip of urinal shall be kept at 525mm from floor level, while fixing the urinal on the wall.

Where no of urinals are fixed in a line, the distance between the center to center of each urinal shall be kept 750mm and each urinal should be separated from one to other by a partition

plate. The center-to-center partition plates shall be kept 750mm.

The partition plates shall be of one-piece kota stone plates, cut to size or partition wall and front corners rounded. The partition plates are embedded in wall with cement concrete and finished smooth. The bottom of the partition plates should be kept 500mm above floor level and top should be kept at 1250 mm above floor level. The plates should project 600mm from wall surface. The width of the plates should be embedded inside the wall and should not be less than 100mm. The thickness of the plates shall be minimum of 25 mm to 32 mm. Thickness of partition wall should be limited to 150mm including smooth surface finishing.

For flushing the urinals each urinal shall be, connected with one 20mm dia G.I. Pipe (Medium class). One end of each of this pipe 15mm PVC connection pipe shall be inserted into the inlet of the Urinal and jointed with putty where as the other end is connected either with a tee or bend with water pipeline fixed on the wall horizontal above the urinals. In each 20mm dia flush pipe, one 20 mm dia gunmetal gate valve angle stopcock to be fixed. By opening this valve, the water will flow to the rims of urinal through the inlet pipe and flush the urinal. After flush, the valve can be closed to avoid wastage of water. One 40mm dia P.V.C. waste pipe shall be connected to the waste of each urinal, to discharge the waste into the channel or trap. One end of this waste pipe shall be made a cup size to fit into the projected waste and tightened with screws and waste clamp.

1. Squatting Urinal Plates:

The urinal plates shall be of white glazed vitreous china with integral flushing rim of size 450mm X 350mm of approved make and brand as specified. There shall be white vitreous channel with stop and outlet pieces in the front. These plates shall be fixed on C.C. at 75mm to 100mm above floor level.

For flushing arrangement, one 25mm dia G.I. common water pipeline (minimum size) shall be fixed on the wall parallel to floor. For each urinal one 20mm dia G.I. Branch pipe shall be taken down upto 12mm from floor level just at the center of each plate, in which one 20mm dia gate valve is fixed at 1500mm above floor level. At 1200mm height, the 20mm dia flash pipe shall be divided into two branches with a tee and fixed horizontal. 300mm on either side and then with the help of elbows, both the branches shall be taken downward and connected to the inlets of the urinal plates at floor level. By operating the valve as above, the water will rush into the rims of the urinal plate and flush it.

Where there are number of Urinals fixed in a line, each Urinal should be separated by a partition plate fixed in the centre of two Urinal Plates. The centre to centre distance of the partition plates shall be kept 750mm minimum.

The partition plates shall be of one-piece kota stone plate, 25 mm to 52mm thick, cut to sizes and front corners rounded. The plates are embedded in wall with cement concrete and finished smooth. The bottom of the partition plates wall shall be kept flushed to Urinal top level, and the top level shall be kept at 1200mm from the Urinal Plate top and the projection from the wall shall be 600mm. The width of the plate to be embedded inside the wall should not be less than 100mm.

2. MIRROR:

Materials:-

The mirror shall be of superior glass with edges rounded off or levelled as specified. It shall be free from flaws, specks or bubbles. The size of the mirror shall be 60 mm x 45 mm unless specified otherwise and its thickness shall be not less than 6mm.

The glass for the mirror shall be uniformly silver plated at the back and shall be free from silvering defects.

Silvering shall have a protective uniform covering of red lead pain.

Fixing: - The mirror shall be mounted on 6 mm thick plain asbestos sheet ground and shall

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Block Development Officer, Patnagarh

be fixed on the position by means of CP brass screws and CP brass washers, over rubber washers and wooden plugs firmly embedded in the wall. CP brass clamps with CP brass screws may be alternative methods of fixing where so directed. Chromium plating shall be of grade "B" type conforming to IS 1069-1958 or as revised from time to time. Unless specified otherwise, the longer side shall be fixed horizontally. The height of the bottom edge of the mirror shall generally be 120 cm above the floor level unless otherwise specified.

3. **Glass shelf unit**

The shelf shall be of glass of best quality with edges rounded off, and shall be free from flaws, speaks or bubbles. The size of the shelf shall be 60cm x 120cm. Unless otherwise specified and thickness not less than 6mm. The shelf shall have CP brass guardrail resting on rubber washers on the glass plate and CP brass brackets which shall be fixed with CP brass screws to wooden plug firmly embedded in the walls. Chromium plating shall be of grade "B" type conforming to IS 1068-1958 or as revised from time to time. The height of the glass shelf above the floor level shall be 115 cm unless otherwise specified.

SCHEDULE-A

CERTIFICATE OF NO RELATIONSHIP

I/We hereby certify that I/We* am/are* related/not related (*) to any officer of PR & DW Department of the rank of Assistant Engineer & above and any officer of the rank of Assistant / Under Secretary and above of the PR & DW Department, Govt. of Orissa. I/We* am/are* aware that, if the facts subsequently proved to be false, my/our* contract will be rescinded with forfeiture of E.M.D and security deposit and I/We* shall be liable to make good the loss or damage resulting from such cancellation.

I/we also note that, non-submission of this certificate will render my / our tender liable for rejection.

(*) - Strike out which is not applicable

Signature of the Tenderer

Date:-

Contractor


Block Development Officer, Patnagarh

SCHEDULE-B

CERTIFICATE OF EMPLOYMENT OF UNEMPLOYED GRADUATE ENGINEER / DIPLOMA HOLDERS

(for Super class / special class / A class contractors only)

I/We hereby certify that at present the following Engineering personnel are working with me/in our firm/company and their bio-data are furnished below.

Sl. No.	Name of Engineering personnel appointed for supervising contractor's work with address.	Qualification	Date of Appointment	Monthly emolument	Whether full time engagement and continuous.	If they are superannuated / retired / dismissed or removed personnel from state Govt/ Central Govt/ Public Sector Undertaking/ private Companies and or any one ineligible for Government service.
1	2	3	4	5	6	7

I / We also note that, non-submission of this certificate will render my / our tender liable for rejection.

Signature of the tenderer.

Date:-

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Block Development Officer, Patnagarh

Schedule-C
ANNEXURE - I

LIST OF PLANT AND EQUIPMENT TO BE DEPLOYED ON THE CONTRACT WORK
(MINIMUM REQUIREMENT)

Sl. No.	List of plants and equipments		Marks
01.	Truck/Tipper		
02.	Concrete Mixture		
03.	Generator		
04.	Plate Vibrator		
05.	Needle Vibrator		
06.	Centring & shuttering materials.		
07.	Water Tanker		
08.	Except if any		
		Total:-	

ANNEXURE - II OF SCHEDULE-C

Apart from the above the contractor shall have to arrange other machineries if any required for the work.



SCHEDULE-D

**WORK EXPERIENCE
LIST OF SIMILAR NATURE OF PROJECTS EXECUTED**

Name of Employer	Name of Location and Name of Work	Contract Price in Indian Rupees/ Agreement No.	Major Items of Works	Stipulated date of Commencement/ completion of the Work as per Agreement.	Actual date of Completion of the Work.	Value of work actually executed during last 5 financial year		Reasons for delay in starting/ completion if any.
						Financial year	Value	
1	2	3	4	5	6	7	8	9

Note:- The above information is to be certified by the Engineer in Charge / Employer not below the rank of Executive Engineer.

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SCHEDULE-E

**INFORMATION REGARDING CURRENT LITIGATION, DEBARRING EXPELLING OF TENDERED
OR ABANDONMENT OF WORK BY THE TENDERER**

1. a) Is the tenderer currently involved in any litigation relating to the work. Yes / No
- b) If yes: give details:
2. a) Has the tenderer or any of its Constituent partners been debarred/ expelled by any agency in India during the last 5 years Yes / No
3. a) Has the tenderer or any of its constituent partners failed to perform on any contract work in India during the last 5 years Yes / No
- b) If yes, give details:

Note:

If any information in this schedule is found to be incorrect or concealed, qualification application will be summarily be rejected.

Signature of the contractor

Contractor


Block Development Officer, Patnagarh

SCHEDULE -F

(To be submitted in original in legal stamp paper)

1. The undersigned, do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither our firm M/s _____ nor any of its constituent partners have abandoned any road/ bridge/Irrigation /Buildings or other project work in India nor any contract awarded to us for such works have been rescinded during the last five years prior to the date of this bid.
3. The undersigned hereby authorised and request (s) any bank, person, firm or Corporation to furnish pertinent information as deemed necessary and as requested by the Department to verify this statement or regarding my (our) competency and general reputation.
4. The undersigned understands and agrees that further qualifying information may be requested and agree to furnish any such information at the request of the Department.

(Signed by an Authorised Officer of the firm)
Title of Officer
Name of Firm
Date:



Block Development Officer, Patnagarh

Contractor

SCHEDULE -G

Existing commitments and ongoing works

Description of works	Place & State	Contract No.	Name & Address of Employer	Value of Contract (Rs.Lakh)	Stipulated period of Completion	Value of works remaining to becompleted (Rs. Lakh)	Anticipated date of completion
1	2	3	4	5	6	7	8

*Attach Certificate(s) from the Engineer -in-charge


Block Development Officer, Patnagarh

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Schedule-H**Form of Bid Security Declaration (Not Applicable)**

Name Of the Work-

Date:

Bid Identification No.

To

(Fill up the complete name and address of the Authority/Employer/Tender Inviting Authority)

We, the undersigned declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid Security Declaration.
2. We accept that the Authority/Employer/Tender Inviting Authority shall cancel our empanelment and / or suspend/prohibit/debar/blacklist from participating in bidding in any contract of the State for a minimum period of 180 days, if we are in breach of our obligation(s) under the bid conditions, because we:
 - (a) Have withdrawn out Bid prior to the expiry date of the bid validity specified in the letter of Bid or any extended date provided by us; or
 - (b) Having been notified of the acceptance of our Bid by the Employer prior to the expiry date the bid validity in the Letter of Bid or any extended date provided by us,
 - (i) Failure of use to furnish the Performance Security and Additional Performance Security, if required in accordance ITB/Terms of the Bid Document, or
 - (ii) Fail to agree to the decisions of the contract negotiation meeting or
 - (iii) Failure refuses to execute the Contract.
3. We understand this Bid Security Declaration shall expire, if we are not the successful Bidder, upon the earlier of your notification of the name of the successful Bidder through award of contract; or after the expiry date of the Bid validity.

Name of the Bidder _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder _____

Title of the person signing the Bid _____

Signature of the person named above _____

Date signed _____ day of _____

- In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder
- Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid.

[Note: In case of a Joint Venture, the Bid Security Declaration must be in the name of all members to the Joint Venture that submits the Bid]



Block Development Officer, Patnagarh

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MEMORANDUM OF UNDERSTANDING

SCHEDULE - I

First Party I Sri/Smt....., Aged Years, S/O-
....., At / P.O. / Dist-
..... (Hereinafter called the First Part)

AND

Second Party I Sri/Smt....., Aged Years, S/O-
....., At / P.O. / Dist-..... (Hereinafter called the Second
Part) having H.T. / L.T. license registration No..... valid up to

AND WHEREAS the First Party of 1st part is the managing partner of

AND WHEREAS the First Party willing to appoint the Second Party to execute the E.I. portion for
the tender work, "....."

AND WHEREAS the Second Party accepted the offer of First Party.

NOW THIS DEED OF AGREEMENT WITNESSES AS FOLLOWS;

- 1) That, the Second Party shall do all E.I. works, if the tender is awarded to First Party.
- 2) That, the Second Party shall fulfill all the E.I. works as per the tender schedule by instruction of Engineer-in-Charge.
- 3) That, the First Party shall receive payment, signing the bill the document for the concerned work.
- 4) That, the Second Party shall abide the rules, regulations and specification of E.I. works of above said matter.

witness where of both the party have signed in presence of

WITNESS

W₁-

W₂-

Block Development Officer, Patnagarh

Contractor

CONSTRUCTION OF DAY CARE SUB-CENTRE CUM HEALTH &
WELLNESS CENTRE AT BANAIMUNDA UNDER PATNAGARH BLOCK

01/PATNAGARH/2023-24

01/PATNAGARH/2023-24

EXCESS/LESS(+/-)

%

SCHEDULE OF WORKS

DESCRIPTION OF WORKS	No / Qnty.	Unit	Estimated Rate		Amount (Rs.)
			Figures	Words	
Part-I Civil					
Diluting and injecting chemical emulsion (to be supplied free of cost at site of work) for PRE CONSTRUCTIONAL Anti-termite treatment and creating a continuous chemical barrier under and all-round the column pits, wall trenches, basement excavation, top perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surroundings of pipes and conduits etc. complete as per specifications (plinth area of the building at ground floor only shall be measured for payment) including cost of all materials, labour, T&P etc complete in all respect and as per direction of the Engineer-in-charge.	106.84	Sqm	138.00	Rupees One Hundred ThirtyEight Only	14743.92
earth work in excavation of foundation trenches in hard soil including dressing of sides and levelling the bed up to the required depth and depositing the excavated materials away from the work site within 50m initial lead & 1.5m initial lifts with sundries & T&P required for the work complete including cost of all labour,labour cess,T&P,sundries etc. as directed by the Engineer in charge.	155.85	Cum	206.80	Rupees Two Hundred Six Paise Eighty Only	32229.78
Filling foundation and plinth with excavated earth complete with all.	51.95	Cum	57.40	Rupees FiftySeven Paise Fourty Only	2981.93
Supplying and filling in foundation and plinth with good quality river sand including watering, ramming with cost, conveyances, royalties, taxes of all materials and cost of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-in-charge	84.44	Cum	333.60	Rupees Three Hundred ThirtyThree Paise Sixty Only	28169.18
Providing and laying plain cement concrete of proportion (1:3:6) in foundation and floors using 4 cm. size black hard crusher broken granite stone metal and screened and washed sharp sand for mortar of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete to required levels laid in layers not exceeding 15 cm. thick in each layer including cost, conveyance, royalties, taxes of all materials and cost of all labours,labour cess, T&P etc complete as per the direction of the Engineer-in-charge.	30.24	Cum	4414.10	Rupees Four Thousand Four Hundred Fourteen Paise Ten Only	133482.38
Plain cement concrete (1:2:4) using 12mm size black hard crusher broken granite chips of approved quality from approved quarry including hoisting, lowering and laying concrete in layers, watering, curing etc. complete including cost, conveyance, royalties and taxes of all materials with labour,labour cess and T&P etc. required for the work complete as per the direction of the Engineer-in-charge.	2.30	Cum	5813.90	Rupees Five Thousand Eight Hundred Thirteen Paise Ninety Only	13371.97

7	Fly Ash brick masonry in cement mortar (1:6) in foundation & plinth using Fly Ash bricks of 23 x 11 x 8 cm size having a crushing strength of not less than 75 kg./sqcm with dimensional tolerance \pm 2% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance, and royalties of all materials with all labour,labour cess and T & P required for the work complete in all respect as per direction of Engineer-in-Charge	35.31	Cum	4232.80	Rupees Four Thousand Two Hundred ThirtyTwo Paise Eighty Only	149460.17
8	Fly Ash brick masonry in cement mortar (1:6) in super structure using Fly Ash bricks of 23 x 11 x 8 cm size having a crushing strength of not less than 75 kg./sqcm with dimensional tolerance \pm 2% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance, royalties and taxes of all materials with all labour,labour cess and T & P required for the work complete in all respect as per direction of Engineer-in-Charge.					
8.1	Ground Floor	37.96	Cum	4271.20	Rupees Four Thousand Two Hundred SeventyOne Paise Twenty Only	162134.75
8.2	1st Floor	30.60	Cum	4558.90	Rupees Four Thousand Five Hundred FiftyEight Paise Ninety Only	139502.34
8.3	Head Room(S+1)	13.31	Cum	4889.70	Rupees Four Thousand Eight Hundred EightyNine Paise Seventy Only	65081.91
9	Fly Ash brick masonry in cement mortar (1:4) in super structure using Fly Ash bricks of 23 x 11 x 8 cm size having a crushing strength of not less than 75 kg./sqcm with dimensional tolerance \pm 2% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance, royalties and taxes of all materials with all labour,labour cess and T & P required for the work complete in all respect as per direction of Engineer-in-Charge.					
9.1	Ground Floor	4.38	Cum	4474.30	Rupees Four Thousand Four Hundred SeventyFour Paise Thirty Only	19597.43
9.2	1st Floor	6.18	Cum	4762.00	Rupees Four Thousand Seven Hundred SixtyTwo Only	29429.16

Providing, lifting, hoisting and laying Reinforced cement concrete of M-20 grade as per approved designs and drawings having a minimum compressive strength (in work test) 250 Kg. / Square cm. in 15 cm. cubes at 28 days after mixing and test conducted in accordance with I.S. 516 using 12 mm. to 20 mm. size black hard crushed broken granite stone chips and screened and washed sharp sand for mortar of approved quality from approved quarry, washed and cleaned (20mm. size chips not to exceeds 25 %) to be mixed in concrete mixture with Portland slag cement (PSC) including hoisting, lowering, laying and compaction concrete by using vibrators, watering and curing for 28 days, centering and shuttering then after dismantling and removing debris from the work site and finishing the exposed surface smooth providing grooves or beads wherever necessary including cost, conveyance, loading, unloading, royalties and taxes of all materials and cost of all labours, sundries, T & P required of the work etc. complete in all respect as directed by the Engineer-in-Charge. But excluding cost and conveyance of M.S. rods or Tor steel and binding wires and labour charges for straightening, cutting, bending etc. of M.S. rods or tor steel tying the grills and placing in proper position.						
1	Footing	16.70	Cum	4701.70	Rupees Four Thousand Seven Hundred One Paise Seventy Only	78518.39
2	Plinth Beam	6.12	Cum	5067.90	Rupees Five Thousand SixtySeven Paise Ninety Only	31015.55
3	COLUMN Super Structure					
1	Ground Floor	2.98	Cum	10776.70	Rupees Ten Thousand Seven Hundred SeventySix Paise Seventy Only	32114.57
2	1st Floor	2.23	Cum	12114.70	Rupees Twelve Thousand One Hundred Fourteen Paise Seventy Only	27015.78
3	Head Room(S+1)	0.64	Cum	13715.70	Rupees Thirteen Thousand Seven Hundred Fifteen Paise Seventy Only	8778.05
4	LINTEL					
4.1	Ground Floor	1.41	Cum	8376.70	Rupees Eight Thousand Three Hundred SeventySix Paise Seventy Only	11811.15
4.2	1st Floor	1.28	Cum	9234.60	Rupees Nine Thousand Two Hundred ThirtyFour Paise Sixty Only	11820.29
4.3	Head Room(S+1)	0.56	Cum	10259.60	Rupees Ten Thousand Two Hundred FiftyNine Paise Sixty Only	5745.38
10.5	ROOF BEAM					
10.5.1	Ground Floor	7.45	Cum	10776.70	Rupees Ten Thousand Seven Hundred SeventySix Paise Seventy Only	80286.42
10.5.2	1st Floor	8.00	Cum	12114.70	Rupees Twelve Thousand One Hundred Fourteen Paise Seventy Only	96917.60
10.5.3	Head Room(S+1)	1.13	Cum	13715.70	Rupees Thirteen Thousand Seven Hundred Fifteen Paise Seventy Only	15498.74
10.6	ROOF SLAB					

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10.6.1	Ground Floor	7.64	Cum	7247.30	Rupees Seven Thousand Two Hundred FortySeven Paise Thirty Only	553
10.6.2	1st Floor	6.13	Cum	7879.40	Rupees Seven Thousand Eight Hundred SeventyNine Paise Fourty Only	4830
10.6.3	Head Room(S+1)	0.72	Cum	8633.30	Rupees Eight Thousand Six Hundred ThirtyThree Paise Thirty Only	6215
10.7	CHAJJA					
10.7.1	Ground Floor	16.40	Sqm	790.90	Rupees Seven Hundred Ninety Paise Ninety Only	12970
10.7.2	1st Floor	16.03	Sqm	895.90	Rupees Eight Hundred NinetyFive Paise Ninety Only	14361.2
10.7.3	Head Room(S+1)	6.00	Sqm	1021.70	Rupees One Thousand TwentyOne Paise Seventy Only	6130.20
10.8	STAIRCASE					
10.8.1	Ground Floor	2.29	Cum	10263.60	Rupees Ten Thousand Two Hundred SixtyThree Paise Sixty Only	23503.64
10.8.2	1st Floor	2.29	Cum	11499.00	Rupees Eleven Thousand Four Hundred NinetyNine Only	26332.71
11	25mm thick CC 1:2:2 with 6mm size CB chips for grading concret over roof slab etc. complete.					
11.1	1st Floor	70.14	Sqm	332.20	Rupees Three Hundred ThirtyTwo Paise Twenty Only	23300.51
11.2	Head Room(S+1)	10.22	Sqm	367.00	Rupees Three Hundred SixtySeven Only	3750.74
12	Supplying Cutting, straightening coiled or bent up M.S. Rod or tor steel of primary steel producers such as SAIL / TATA / RINL / JINDAL STEEL / SHYAM STEEL (grade Fe-500D) etc. including bending, binding, welding and jointing if necessary and tying the grills and placing in position as required for R.C.C. Work and for providing fan hooks as required, hoisting, lowering, laying including cost, conveyances of M.S. Rod or tor steel and binding wires of 18 to 20 gauge and labour required for the work for bending, binding and tying the grills in all floors with labour cess etc. (payment will be made on standard weight of B.I.S. for M.S. Rods or tor steel only) etc. complete as per specification & direction of Engineer-in-charge.					
12.1	Ground Floor	52.46	Qntl	9364.00	Rupees Nine Thousand Three Hundred SixtyFour Only	491235.44
12.2	1st Floor	25.22	Qntl	9389.60	Rupees Nine Thousand Three Hundred EightyNine Paise Sixty Only	236805.71
12.3	Head Room	3.98	Qntl	9416.50	Rupees Nine Thousand Four Hundred Sixteen Paise Fifty Only	37477.67

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Block Development Officer, Patnagarh

	Providing 12 mm thick cement plaster with cement mortar of mix (1:6) with screened and washed sharp sand for mortar and finished smooth to the rough surface of walls in all heights after racking out joints including watering and curing, rounding of corners, providing grooves where ever necessary with cost, conveyance, royalties of all materials with cost of all labour,labour cess, T&P, and scaffolding required for the work etc. complete in all respect as directed by the Engineer in charge.					
	Ground Floor	166.19	Sqm	145.40	Rupees One Hundred FortyFive Paise Forty Only	24164.03
	1st Floor	148.72	Sqm	149.00	Rupees One Hundred FortyNine Only	22159.28
	Head Room	87.60	Sqm	152.60	Rupees One Hundred FiftyTwo Paise Sixty Only	13367.76
	Providing 16 mm thick cement plaster with cement mortar of mix (1:6) with screened and washed sharp sand for mortar and finished smooth to the rough surface of walls in all heights after racking out joints including watering and curing, rounding of corners, providing grooves where ever necessary with cost, conveyance, royalties of all materials with cost of all labour,labour cess, T&P, and scaffolding required for the work etc. complete in all respect as directed by the Engineer in charge.					
1	Ground Floor	431.73	Sqm	208.90	Rupees Two Hundred Eight Paise Ninety Only	90188.40
2	1st Floor	351.10	Sqm	214.20	Rupees Two Hundred Fourteen Paise Twenty Only	75205.62
3	Head Room	31.33	Sqm	219.70	Rupees Two Hundred Nineteen Paise Seventy Only	6883.20
	Providing 6 mm thick cement plaster with cement mortar of mix (1:4) with screened and washed sharp sand for mortar and finished smooth to R.C.C. work after closed deep chipping & slurry treatment including watering and curing, rounding of corners, providing grooves where ever necessary with cost, conveyance, royalties of all materials with cost of all labour,labour cess, T&P, and scaffolding required for the work etc. complete in all respect as directed by the Engineer in charge.					
1	Ground Floor	87.38	Sqm	164.10	Rupees One Hundred SixtyFour Paise Ten Only	14339.06
2	1st Floor	72.69	Sqm	168.20	Rupees One Hundred SixtyEight Paise Twenty Only	12226.46
3	Head Room	7.15	Sqm	172.50	Rupees One Hundred SeventyTwo Paise Fifty Only	1233.38
16	Providing, fitting and fixing of Al door with anodized Al. door section of 9202 as vertical member, 9201 as top and 9200 as middle and bottom member with frame section No.9221 and tapered clip no. 4660 and the frame to be completed by means of jointing angle no. 1855 including all cost of labour, T&P, hire charges of drilling machine, labour charges , etc. complete as per direction of the Engineer-in-charge (Top half glass & bottom half of Board)					

16.1	A) Cost of Al. Frame	51.20	Sqm	411.90	Rupees Four Hundred Eleven Paise Ninety Only	21089.84
16.2	B) Cost of 12mm thick prelaminate board including wastages	1.95	Kg	685.00	Rupees Six Hundred EightyFive Only	1335.77
16.3	C) Cost of 5mm thick Black Glass including wastages	1.95	Sqm	705.70	Rupees Seven Hundred Five Paise Seventy Only	1378.11
17	Supplying, fitting and fixing Vitrified tile in floors of approved make conforming to IS:13755 laid on 20 mm thick cement mortar (1:4) and filling joints with white cement of approved quality including cost of all materials, etc. required for the work all complete as per direction of E.I.C.					
17.1	Ground Floor	75.35	Sqm	966.10	Rupees Nine Hundred SixtySix Paise Ten Only	72795.84
17.2	1st Floor	63.05	Sqm	976.60	Rupees Nine Hundred SeventySix Paise Sixty Only	61574.83
18	Fixing Vitrified tiles in dados skirting and risers of steps on 12mm thick CP (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including cost, carriage, cost of all labour etc. complete.					
18.1	Ground Floor	17.42	Sqm	1077.10	Rupees One Thousand SeventySeven Paise Ten Only	18763.08
18.2	1st Floor	9.62	Sqm	1093.00	Rupees One Thousand NinetyThree Only	10514.66
19	Supplying, fitting & fixing of Vitrified Industrial floor tiles of premium grade having thickness 8mm to 10mm conforming to IS 4457 of size 30cm x 30cm in floors of approved make laid on 20 mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with slurry including cost of all materials, labour T&P etc required for the work all complete as per direction of the Engineer-in-charge					
19.1	Ground Floor	11.20	Sqm	841.40	Rupees Eight Hundred FortyOne Paise Forty Only	9423.68
19.2	1st Floor	6.96	Sqm	851.90	Rupees Eight Hundred FiftyOne Paise Ninety Only	5929.22
20	Priming one coat with wall cement primer (water bound) to make an even finished surface in all floors and heights to wall surface of approved make and shade including sand papering, applying putty wherever necessary & cost of scaffolding, staging charges with cost, conveyance, royalties of all materials, cost of all labour, labour cess T&P etc. complete as per the direction of the Engineer-in-charge.					
20.1	Ground Floor	685.30	Sqm	64.30	Rupees SixtyFour Paise Thirty Only	44064.79
20.2	1st Floor					
20.2.1	Inside plaster	423.79	Sqm	65.80	Rupees SixtyFive Paise Eighty Only	27885.38
20.2.2	Outerside plaster	148.72	Sqm	66.90	Rupees SixtySix Paise Ninety Only	9949.37
20.3	Head Room					
20.3.1	Inside plaster	38.48	Sqm	67.50	Rupees SixtySeven Paise Fifty Only	2597.40
20.3.2	Outerside plaster	87.60	Sqm	69.70	Rupees SixtyNine Paise Seventy Only	6105.72

Finishing plastered surfaces of walls with cement based wall putty (Water based) of approved make and finishing the surface smooth and even by sand papering to receive painting in walls, at all heights with staging wherever necessary with cost, conveyance, of all materials, cost of all labour, labourcess, all T&P etc. required for the work complete in all respect as per the direction of the Engineer-in-charge.					
Ground Floor	431.73	Sqm	70.10	Rupees Seventy Paise Ten Only	30264.27
1st Floor	351.10	Sqm	71.50	Rupees SeventyOne Paise Fifty Only	25103.65
Head Room	31.33	Sqm	73.00	Rupees SeventyThree Only	2287.09
Painting two coats with plastic emulsion paint to make an even finished surface in all floors and heights to wall surface of approved make and shade including sand papering, applying putty wherever necessary & cost of scaffolding, staging charges with cost, conveyance, taxes of all materials, cost of all labour, labour cess, T&P etc. complete as per the direction of the Engineer-in-charge.					
Ground Floor	519.11	Sqm	85.20	Rupees EightyFive Paise Twenty Only	44228.17
1st Floor	423.79	Sqm	86.90	Rupees EightySix Paise Ninety Only	36827.35
Head Room	38.48	Sqm	88.60	Rupees EightyEight Paise Sixty Only	3409.33
Painting two coats with approved antifungal water bound weather seal paints (ISI) of approved colour, shade on wall surface including sand papering, polishing the surface, cost, conveyances, taxes of all materials and cost of all labour, labour cess with T&P etc, complete as per specification & direction of Engineer-in-charge.					
Ground Floor	166.19	Sqm	78.60	Rupees SeventyEight Paise Sixty Only	13082.53
1st Floor	148.72	Sqm	81.50	Rupees EightyOne Paise Fifty Only	12120.88
Head Room	87.60	Sqm	84.40	Rupees EightyFour Paise Fourty Only	7393.44
Supplying, fitting & fixing in all floors of M.S. grills, grill gates, M.S. gates, garage door, collapsible gates with top and bottom rails, steel windows, critical frames for windows, stair case and parapet railing made out of M.S Square bar/ flat including stair case hand railing with 40mm. dia G.I.pipe etc. Including painting two coats over a coat of redoxide primer as per approved drawing and design with cost of all materials & labour, taxes, labour cess, T&P, sundries etc. complete in all respect as per specification & direction of the Engineer-in-Charge.					
Ground floor	1130.70	Kg	62.20	Rupees SixtyTwo Paise Twenty Only	70329.54
1st Floor	1074.80	Kg	62.20	Rupees SixtyTwo Paise Twenty Only	66852.56

25	Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc with cost, conveyance of all materials, cost of all labour, labour cess, T&P etc. required for the work complete in all respect as per direction of the Engineer-in-charge.					
25.1	Ground Floor	86.77	Kg	291.00	Rupees Two Hundred NinetyOne Only	25250.07
25.2	1st Floor	211.91	Kg	291.00	Rupees Two Hundred NinetyOne Only	61665.81
26	Priming one coat with any approved primer (To Receive Enamel paint) including cost of primer & labour to give an even shade excluding cost of primer. (As per A.R. 93/1)					
26.1	Ground Floor	2.83	Sqm	58.00	Rupees FiftyEight Only	164.14
26.2	1st Floor	6.06	Sqm	59.60	Rupees FiftyNine Paise Sixty Only	361.18
27	Painting two coats with approved enamel paints of approved colour, shade over a coat of primer including sand papering, polishing the surface, cost, conveyances of all materials and cost of all labour etc, complete as per specification & direction of E.I.C.					
27.1	Ground Floor	2.83	Sqm	146.70	Rupees One Hundred FourtySix Paise Seventy Only	415.16
27.2	1st Floor	6.06	Sqm	150.40	Rupees One Hundred Fifty Paise Fourty Only	911.42
28	Providing, fitting and fixing of Al door with anodized Al. door section of 9202 as vertical member, 9201 as top and 9200 as middle and bottom member with frame section No.9221 and tapered clip no. 4660 and the frame to be completed by means of jointing angle no. 1855 including all cost of labour, T&P, hire charges of drilling machine, labour charges, etc. complete as per direction of the Engineer-in-charge (Top to bottom full ACP Board)					
28.1	Cost of Aluminium Frame	127.99	Kg	411.90	Rupees Four Hundred Eleven Paise Ninety Only	52719.08
28.2	Cost of 3mm thick Aluminium Composite Pannel including wastages	9.75	Sqm	203.00	Rupees Two Hundred Three Only	1979.25
29	Supplying, fitting & fixing of 30cm x 30cm/40cm x 40cm special plain/printed series Ceramic floor tiles of premium grade having thickness 7mm to 8mm conforming to IS 13755 in floors laid on 20 mm thick cement mortar (1:4)(1 cement : 4 course sand) and filling joints with slurry including cost of all materials, labour T&P etc. required for the work all complete incl. rubbing as per direction of the Engineer-in-charge					
29.1	Ground Floor	7.62	Sqm	694.43	Rupees Six Hundred NinetyFour Paise FourtyThree Only	5291.56
29.2	1st Floor	4.83	Sqm	705.00	Rupees Seven Hundred Five Only	3405.15

Supplying, fitting & fixing of 30cm x 20cm/20cm x 20cm special plain/printed series Ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 in dadoes, skirting and risers of steps laid on 12 mm thick cement mortar (1:3) (1 cement : 3 course sand) jointed with slurry mixed with pigment to match the shades of the tiles etc. complete including cost of all materials, labour T&P etc. required for the work all complete as per direction of the Engineer-in-charge										
Ground Floor	38.93	Sqm	767.12	Rupees Seven Hundred SixtySeven Paise Twelve Only	29863.98					
1st Floor	26.29	Sqm	783.00	Rupees Seven Hundred EightyThree Only	20585.07					
Supplying fitting & fixing of 35mm thick flush door shutters with flush door block board 'A' premium 35mm thick both side teak (Green ply / Allwin) both side laminated with 4 mm thick veneer board (Teak Heritage) (Archid ply/ Green ply) by using adhesives, with all labour, iron fitting & wooden hinged cleats etc. fitted & fixed complete in all respect, including cost of iron fitting , alluminum fittings, all labours, T&P etc. as per specification approved by the Department & as per direction of the E.I.C.						1.95	Sqm	3628.80	Rupees Three Thousand Six Hundred TwentyEight Paise Eighty Only	7076.16
Part-II P.H WORK										
GPH Works: Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor pvc pipes confirming to ASTM-D- 1785/89 (Sch-80) and pipe fittings of the following nominal borewith clamps including making good the wall, ceiling and floor, testing all complete as per specification and direction of the Engineer-in-charge.										
1 Ground floor										
1	20 mm CPVC (sdr-13.5) pipes (Oriplast/Supreme)	25.00	Mtr	207.70	Rupees Two Hundred Seven Paise Seventy Only	5192.50				
2	25 mm CPVC(sdr-13.5) pipes (Oriplast/Supreme)	15.00	Mtr	276.20	Rupees Two Hundred SeventySix Paise Twenty Only	4143.00				
3	32 mm CPVC sdr-13.5 pipes (Oriplast/Supreme)	10.00	Mtr	402.70	Rupees Four Hundred Two Paise Seventy Only	4027.00				
First floor										
1	20 mm CPVC (sdr-13.5) pipes (Oriplast/Supreme)	20.00	Mtr	213.40	Rupees Two Hundred Thirteen Paise Fourty Only	4268.00				
2	25 mm CPVC(sdr-13.5) pipes (Oriplast/Supreme)	10.00	Mtr	282.20	Rupees Two Hundred EightyTwo Paise Twenty Only	2822.00				
3	32 mm CPVC sdr-13.5 pipes (Oriplast/Supreme)	10.00	Mtr	409.90	Rupees Four Hundred Nine Paise Ninety Only	4099.00				
supplying all materials, labour, T&P and cutting holes through existing brick work including making good the damages in cement mortar (1:4) for taking G.I. Pipes and fittings/ P.V.C. pipes and fittings etc. all complete as per P.H. specification and direction of Engineer-in-charge.										
	120 mm thick wall	14.00	Each	53.00	Rupees FiftyThree Only	742.00				

34	Supplying all materials, labour, T&P and cutting hole in R.C.C floors, roofs, etc upto 19 cm thick for passing G.I. Pipes / P.V.C pipes and fittings etc and repairing the holes after insertion of pipes etc with cement concrete (1:2:4) including finishing complete so as to make it leak proof as per direction of the Engineer-in-charge.					
34.1	250 mm thick wall	10.00	Each	165.80	Rupees One Hundred SixtyFive Paise Eighty	1658.00
35	Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C.	70.00	Mtr	178.80	Rupees One Hundred SeventyEight Paise Eighty Only	12516.00
36	Supplying all materials, labour T&P and fitting and fixing brass/CP fittings of the following nominal bore with supply of all jointing materials complete as per specification and direction of the Engineer-in-charge.					
37	Supplying all materials, labour, T&P and fixing standard sized two way Bib cock of Hindware/Jaquar/Parryware of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification complete as per direction of Er-in-charge. 15mm dia CP Two way bib cock with Flange.	2.00	Each	971.20	Rupees Nine Hundred SeventyOne Paise Twenty Only	1942.40
38	Supplying all materials, labour, T&P and fixing standard sized Bib cock of Hindware/Jaquar/Parryware of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification complete as per direction of Er-in-charge. 15mm dia. nominal bore Long body Bib Cock	9.00	Each	872.80	Rupees Eight Hundred SeventyTwo Paise Eighty Only	7855.20
39	Supplying all materials, labour, T&P and fixing standard sized Bib cock of Hindware/Jaquar/Parryware of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification complete as per direction of Er-in-charge. 15mm dia. nominal bore Short body Bib Cock	3.00	Each	720.20	Rupees Seven Hundred Twenty Paise Twenty Only	2160.60
40	Supplying all materials, labour, T&P and fixing standard sized 15mm dia angular Stop cock of Hindware/Jaquar/Parryware of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification complete as per direction of Er-in-charge. 15mm dia CP angle stop cock with wall flange	12.00	Each	715.30	Rupees Seven Hundred Fifteen Paise Thirty Only	8583.60
41	Supplying all materials, labour, T&P and fixing standard sized pillar cock of Hindware/ Jaquar/ Parryware of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge. 15mm dia brass pillar cock	7.00	Each	725.10	Rupees Seven Hundred TwentyFive Paise Ten Only	5075.70
42	Fixing of 25mm dia Brass / Gun meta ball Valve confirming to IS : 781-1995 of approved make as per specification complete as per direction of Er-in-charge. 32mm dia brass or gun metal full way valve (shakti make)	2.00	Each	975.50	Rupees Nine Hundred SeventyFive Paise Fifty Only	1951.00
43	Fixing of 32mm dia Brass / Gun meta ball Valve confirming to IS : 781-1995 of approved make as per specification complete as per direction of Er-in-charge. 32mm dia brass or gun metal full way valve (shakti make)	2.00	Each	1025.30	Rupees One Thousand TwentyFive Paise Thirty Only	2050.60
44	Fixing of 40mm dia Brass / Gun meta ball Valve confirming to IS : 781-1995 of approved make as per specification complete as per direction of Er-in-charge. 40mm dia brass or gun metal full way valve (shakti make)	1.00	Each	1327.30	Rupees One Thousand Three Hundred TwentySeven Paise Thirty Only	1327.30

Providing and fixing circular type stainless steel jalli (grating) with hole for floor /nahani trap etc complete as per specification and direction of the Engineer in charge.	7.00	Each	79.00	Rupees SeventyNine Only	553.00
Supplying all materials, labour, T&P and fitting and fixing U-PVC SWR soil waste ventilating pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing, earthwork in excavation in all kinds of soil and refilling of trenches as per specification and direction of the Engineer-In-Charge.					
15mm dia CP Health Faucet of Jaquar 1.2mtr long, 8MM dia Amber deluxe	2.00	Each	766.90	Rupees Seven Hundred SixtySix Paise Ninety Only	1533.80
Supplying all materials, labour, T&P and fitting and fixing U-PVC SWR soil waste ventilating pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing, earthwork in excavation in all kinds of soil and refilling of trenches as per specification and direction of the Engineer-In-Charge.					
110mm diameter U-PVC SWR pipes(Oriplast type-B/Supreme)	12.00	Mtr	569.90	Rupees Five Hundred SixtyNine Paise Ninety Only	6838.80
110mm U-PVC door Tee	7.00	Each	296.70	Rupees Two Hundred NinetySix Paise Seventy Only	2076.90
110mm U-PVC offset	7.00	Each	180.50	Rupees One Hundred Eighty Paise Fifty Only	1263.50
110mm U-PVC door bend	7.00	Each	204.70	Rupees Two Hundred Four Paise Seventy Only	1432.90
110mm U-PVC plain shoe bend	7.00	Each	147.00	Rupees One Hundred FourtySeven Only	1029.00
110mm U-PVC vent cowl	5.00	Each	77.30	Rupees SeventySeven Paise Thirty Only	386.50
110mm P-trap	7.00	Each	299.70	Rupees Two Hundred NinetyNine Paise Seventy Only	2097.90
110mm U-PVC plain bend	7.00	Each	171.30	Rupees One Hundred SeventyOne Paise Thirty Only	1199.10
Supplying all materials,labour T&P and cutting holes through existing brick or laterite masonry wall for taking H.C.I pipes and fittings including making good the damages etc. all complete as per P.H.Specification and direction of the Engineer-In-Charge.					
250mm to 375mm thick wall	5.00	Each	53.00	Rupees FiftyThree Only	265.00
Supplying all materials, labour T&P and and fixing 12.50 liters/10 liters capacity low level flushing cistern of Hindware/Jaquar/Parryware with a pair of cast iron or M.S. brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float CP brass handle,unions and couplings for connection with inlet, outlet and overflow pipes, 32mm dia CP long flush bend, 15mm dia pvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting the inlet pipe with suupply main etc all complete as per the specification and direction of the Engineer-in-charge.					
10 Liters capacity PVC cistern with 32mm dia flush bend. Hindware sleek fresh single flush Starwhite, Size 47.6	5.00	Each	1609.00	Rupees One Thousand Six Hundred Nine Only	8045.00

51	Supplying all materials, labour, T&P and fixing vitreous china water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) of Hindware/ Jaquar/ Parryware duly embedded in cement concrete (1:4:8) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest, fixing 100mm dia HCl 'p' or 's' trap (with/without 50mm dia horn) for water colset squatting pan including jointing the trap with pan in cement mortar (1:1) cutting the floor and mending good the damages etc all complete as per specification and direction of the Engineer-In-Charge.					
51.1	Hindware Orissa Pan cat no 20004 Starwhite. Size- 53x41 cm	3.00	Each	2591.40	Rupees Two Thousand Five Hundred NinetyOne Paise Fourty Only	7774.20
52	Supplying all materials, labour, T&P and fixing the following vitreous china Wash Down Water Closet (Wall hung European type W.C. pan) of Hindware/Jaquar/ Parryware with integral 'p' or 's' trap to the floor with wooden plug and chromium plated pedestal screws including jointing the trap with soil pipe in cement mortar (1:1) fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers including polishing etc all complete as per specification and direction of the Engineer-In-Charge.					
52.1	Wall hung EWC with 'p' / S trap plain FLS-WHT- 5351/5201 (S-10) Starwhite type, size-370x650x765 mm.	2.00	Each	10858.00	Rupees Ten Thousand Eight Hundred FiftyEight Only	21716.00
53	Supplying all materials, labour T&P and fixing wash basins of Hindware/Jaquar/Parryware with hole for pillar taps with cast iron or M.S.brackets painted white including cutting holes in walls and making good the damages with supply of wooden plugs, screws and cement etc, fixing pedestal for wash basin recessed at the back for the reception of pipes and fittings, fixing PVC waste pipe of 32mm nominal diameter for wash basin including brass check nut complete, fixing pillar taps capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of 15mm dia nominal bore, fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin, fixing 32mm dia CP brass waste, etc all complete as per specification and direction of the Engineer-In-Charge.					
53.1	wall hung Wash Basin Size - 550mmx400x830mm	5.00	Each	2325.40	Rupees Two Thousand Three Hundred TwentyFive Paise Fourty Only	11627.00
54	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C.sheet or plywood sheet and fixed to wooden plugs with CP screws and washers complete as per specification and direction of the Engineer-In-charge.					
54.1	450mmx600mm size B.E.mirror	2.00	Sqm	717.20	Rupees Seven Hundred Seventeen Paise Twenty Only	1434.40
55	Supplying all materials,labour, T&P and fixing standard sized CP towel rail 24" of Hindware/Jaquar/Parryware complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the Engineer-In-Charge.					
55.1	25mmx600mm long CP towel rail	2.00	Each	1487.10	Rupees One Thousand Four Hundred EightySeven Paise Ten Only	2974.20
56	Supplying all materials, labour, T&P and fixing standard sized Chromium Plated brass towel ring complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws as per specification and direction of the Engineer in charge.	2.00	Each	1236.12	Rupees One Thousand Two Hundred ThirtySix Paise Twelve Only	2472.24

Supplying all materials, labour, T&P and fixing standard sized Chromium Plated soap case of Hindware/ Jaquar/ Parryware complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws as per specification and direction of the Engineer in charge.					
CP Soap Holder	3.00	Each	280.50	Rupees Two Hundred Eighty Paise Fifty Only	841.50
Providing and fixing Salem Stainless steel A ISI (18/8) kitchen sink as per IS : 13983 with C.I. Brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required. a) Kitchen Sink with drain board Nirali make size 510 X 1040 mm bowl depth 178 mm.	2.00	Each	3500.00	Rupees Three Thousand Five Hundred Only	7000.00
Supplying all materials, labour, T&P and fixing 100 mm dia wall mounted over head shower & Shower arm Hindware/Jaquar/Parryware including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge. 100 mm dia CP overhead shower with Arm.	3.00	Each	921.20	Rupees Nine Hundred TwentyOne Paise Twenty Only	2763.60
Supplying all materials, labour, T&P and fixing standard sized 15mm dia Single lever Concealed Deusch mixer with provision for connection to overhead shower only of Hindware/Jaquar/Parryware of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification complete as per direction of Er-in-charge. Concealed stop cock Jaquar FLR-5227.	3.00	Each	2575.70	Rupees Two Thousand Five Hundred SeventyFive Paise Seventy Only	7727.10
Fixing Rotational moulded Poly Propelene double layer cylindrical vertical water storage tanks confirming to IS 12701-1996 including cutting holes through the tank and fixing mild steel tubes and fitting and providing extra sockets and jam nuts, fixing ball valve etc,including hosting upto a height of 5 mtr above ground level and placing the tank to the required postion etc all complete as per specification and direction of the Er-in-charge.					
2000 ltr capacity Double layer cylindrical vertical water storage tanks	1.00	Each	19823.53	Rupees Nineteen Thousand Eight Hundred TwentyThree Paise FiftyThree Only	19823.53
Supplying all materials, labour, T & P and constructing Gully trap chamber of the following inside size with 8 cm thick R.C.C. precast cover slab in CC (1:2:4) mix using 12mm size h.g. chips, foundation concrete (1:4:8) using 40mm size h.g. metal on bed aound trap , Fly Ash brickwork in CM (1:6) in P&F and inside 12mm thick cement plastering (1:3) finished with a floating coat of neat cement including fixing 100mm x100mm size gully trap, 150mm x150mm C.I grabg etc. all complete as per approved drawing, specification and direction of Engineer-in-charge.					
250mmx250mm with RCC cover	1.00	Each	1162.40	Rupees One Thousand One Hundred SixtyTwo Paise Fourty Only	1162.40
Supplying all materials, labour, T&P and laying in trenches (to level or slope) unplasticized PVC pipes conforming to IS: 4985/2000 of the following outside dia for class- (10.00mpa) including jointing with supply of approved solvent cement by non-heat application method/ea per manufacturer's specification, providing and laying in trench cement concrete (1:4:8) with 40mm size hard granite metal in the Type G-1 standard bedding surrounding or encasing including concrete for bedding and curing etc all complete as per PH specification and direction of the Engineer-in-charge.					
	10.00	Mtr	563.10	Rupees Five Hundred SixtyThree Paise Ten Only	5631.00

63.2	160mm dia u-pvc pipe	10.00	Mtr	1124.30	Rupees One Thousand One Hundred TwentyFour Paise Thirty Only	1124.30
64	Supplying all materials, labour, T&P and constructing soakway pit of the following size with precast RCC rings joined loose, gravel backing in the rear of well steining, precast RCC cover slab in cement concrete (1:2:4) using 12mm size hg chips fitted with iron lifting handles including cutting hole in the rings for inlet pipe, earthwork in open well excavation in all kinds of soil and refilling of cavity around the pit & painting the iron works, watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer-In-Charge					
64.1	RCC rings soakway pit 1.2m dia x 2.0m deep	1.00	Each	17642.30	Rupees Seventeen Thousand Six Hundred FortyTwo Paise Thirty Only	17642.30
65	Sinking of 150mmx125mm dia Tube well by fast drilling Sofasticated Rig.					
65.1	Labour for drilling of perfectly vertical bore holes as specified dia. For a specified depth rock with down the hole hammer drilling rig combination drilling rig as required to soil, the soil condition as per direction of E.I.C including supply of rigs with all accessories, T&P consumable etc for lowering 150mm dia PVC pipes for casing fitted with sockets, washers and without well screen as per the necessity for the soft, medium and hard formation (PCV/GI) casing pipes for the over borden is to be provided by the contractor including lowering and drawing after complete of tube well. Tube well (1No).					
65.1.1	Drilling of 150mm dia. Bore 0.00mtr to 30.00mtr	30.00	Mtr	611.70	Rupees Six Hundred Eleven Paise Seventy Only	18351.00
65.1.2	Drilling of 125mm dia. Bore 30.00mtr to 75.00mtr	30.00	Mtr	611.70	Rupees Six Hundred Eleven Paise Seventy Only	18351.00
65.2	Lowering the following G.I/PVC pipe with or without soltted pipes as per necessity from ground level upto 30.00mtr depth and fitted and fixed in perfectly vertical position including cutting and threading pipes and soltted pipes and supplying and fixing of all jointing materials, T&P etc the top of the casing pipe threaded including piping tube well to prevent entry of foreign materials from above (PVC/G.I) supplied by the contractor (including cost of pipe)					
65.2.1	Lowering of 150mm dia PVC pipes: 00.00 mtr to 29.40mtr	15.00	Mtr	92.20	Rupees NinetyTwo Paise Twenty Only	1383.00
65.3	Cost of 150mm dia PVC pipes: -00.00mtr to 30.00mtr	15.00	Mtr	1469.27	Rupees One Thousand Four Hundred SixtyNine Paise TwentySeven Only	22039.05
65.4	Cleaning & developing the tubewell with their own compressor contineously worked till clean and adiquate discharge is obtained from the tubewell including supply of & use of all necessary equipments and labour as per the direction of E.I.C.	1.00	Each	3297.00	Rupees Three Thousand Two Hundred NinetySeven Only	3297.00
66	1.00 H.P. Single Phase Submersible Pump Set					
66.1	Supplying of ISI Mark 1.00 H.P. Single Phase Verical Submersible Pump Set with discharge of 900-1000 ltr./ hour and a head of 50-60mtr of reputed make like KSB/ Texmo & equivalent including all cost, conveyance and taxes etc all complete as per direction of E-I-C.	1.00	Each	15849.15	Rupees Fifteen Thousand Eight Hundred FourtyNine Paise Fifteen Only	15849.15
66.2	Supplying all labour, T&P and fitting and fixing of 1.00 HP Single phase verical Submersible Pump Set with commissioning and testing etc all complete as per direction of E.I.C.	1.00	Each	1209.50	Rupees One Thousand Two Hundred Nine Paise Fifty Only	1209.50

Supplying fitting and fixing of ISI mark DOL Starter of reputed make like BCH or equivalent for 1.00 HP Single Phase Submersible Pump including all cost, conveyance of all taxes etc all complete as per direction of the E.I.C.	1.00	Each	2809.32	Rupees Two Thousand Eight Hundred Nine Paise ThirtyTwo Only	2809.32
Supplying fitting and fixing of three core flat cable (1.5mm ²) of ISI make of reputed company like BCH/ Finolex or Equivalent and connecting the pump and starter including all cost, conveyance and taxes etc all complete as per direction of the E.I.C.	50.00	Mtr	58.79	Rupees FiftyEight Paise SeventyNine Only	2939.50
Supplying fitting and fixing of plastic rope MS Well cover, MS Clamp, stainless steel short piece, bend & socket including all cost, taxes etc all complete as per direction of the E.I.C.	1.00	Each	1312.00	Rupees One Thousand Three Hundred Twelve Only	1312.00
Supplying fitting and fixing of HDPE Pipes & pipe fittings with making connection to pump set including all cost conveyance and taxes etc all complete as per direction of the E.I.C.	50.00	Mtr	95.86	Rupees NinetyFive Paise EightySix Only	4793.00
Supply of all materials, labour, T&P and fitting & fixing of 5 K.W automatic voltage stabilizer having range from 50 Volt to 220 Volt suitable to run 1 H.P Submersible pump set including electrical connection from the existing mains & with the control panels of the pump set etc. all complete as per specification & direction of E.I.C.	1.00	Each	9375.00	Rupees Nine Thousand Three Hundred SeventyFive Only	9375.00
Supplying and fitting and fixing of deep well India Mark-II hand pump with cast iron cylinder, 12mm to 16mm dia Connecting rod made with bright bar of 12mm dia mtr and 32mm dia G.I. Pipe 3.0mtr long with required depth with end of socket of approved rate as per the direction of E.I.C.	1.00	Each	15387.00	Rupees Fifteen Thousand Three Hundred EightySeven Only	15387.00
Earthwork in excavation in all types of soil for site leveling, foundation, pits, trenches and other civil works up to and including 1.5 metre lift and stacking the soil upto a lead of 100 metre and including dewatering, removing slush, shoring and strutting (as required), complete as per specification and as directed by the Engineer-In-Charge.	4.50	Cum	206.80	Rupees Two Hundred Six Paise Eighty Only	930.60
Filling at all depth with available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 15 cm in depth : consolidating each deposited layer by ramming and watering complete (lead upto 100m) as directed by the Engineer-In-charge.	3.02	Cum	57.40	Rupees FiftySeven Paise Fourty Only	173.35
Supplying of filling sand in foundation and over areas including watering, ramming, consolidating and dressing, labours, tools, taxes etc. all complete as per the specification and direction of E.I.C.	0.30	Cum	333.60	Rupees Three Hundred ThirtyThree Paise Sixty Only	100.08
Providing and laying plain cement concrete 1:3:6 (1 cement:3 sand: 6 stone aggregate 40mm nominal size) as levelling course in foundation and plinth etc. Including tempering, curing, shuttering etc. complete all depth and height.	0.30	Cum	4414.10	Rupees Four Thousand Four Hundred Fourteen Paise Ten Only	1324.23
Supplying all materials, labour, T&P and providing cement concrete (1:2:4) with 12m size hard broken granite chips including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer In charge.	0.66	Cum	5813.90	Rupees Five Thousand Eight Hundred Thirteen Paise Ninety Only	3837.17

73	Providing, lifting, hoisting and laying Reinforced cement concrete of M-250 grade as per approved designs and drawings having a minimum compressive strength (in work test) 250 Kg. / Square cm. in 15 cm. cubes at 28 days after mixing and test conducted in accordance with I.S. 516 using 12 mm. to 20 mm. size black hard crushed broken granite stone chips and screened and washed sharp sand for mortar of approved quality from approved quarry, washed and cleaned (20mm. size chips not to exceeds 25 %) to be mixed in concrete mixture with Portland slag cement (PSC) including hoisting, lowering, laying and compaction concrete by using vibrators, watering and curing for 28 days, centering and shuttering then after dismantling and removing debris from the work site and finishing the exposed surface smooth providing grooves or beads wherever necessary including cost, conveyance, loading, unloading, royalties and taxes of all materials and cost of all labours, sundries, T & P required of the work etc. complete in all respect as directed by the Engineer-in-Charge. But excluding cost and conveyance of M.S. rods or Tor steel and binding wires and labour charges for straightening, cutting, bending etc. of M.S. rods or tor steel tying the grills and placing in proper position.					
73.1	Base	0.30	Cum	4701.70	Rupees Four Thousand Seven Hundred One Paise Seventy Only	1410.51
73.2	Slab	0.26	Cum	7247.30	Rupees Seven Thousand Two Hundred FourtySeven Paise Thirty Only	1884.30
74	Supplying, straightening, cutting, bending, placing in position and binding reinforcement steel work in RCC/reinforced brick works as per drawing and specification including preparation of respective bar bending schedule and binding (Binding wire to be used as per the IS code) etc. all complete as per direction of Engineer-In-Charge. Cold Twisted bars, Thermo-Mechanically-treated bars.	0.56	Qntl	9364.00	Rupees Nine Thousand Three Hundred SixtyFour Only	5243.84
75	First class Fly Ash Brick masonry using F.A. bricks of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per. Sqr. Cm. in cement mortar of mix (1:6) with ordinary Portland slag cement(PSC) and screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in Foundation & Plinth including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-Charge.	2.01	Cum	4232.80	Rupees Four Thousand Two Hundred ThirtyTwo Paise Eighty Only	8507.93
76	12mm cement plaster on internal smooth side of RCC/brick surfaces with cement mortar of mix 1:4 (1 cement : 4 fine sand) including neat cement punning & necessary scaffolding, curing etc. all complete at all floors and all heights.	14.40	Sqm	145.40	Rupees One Hundred FourtyFive Paise Fourty Only	2093.76
77	Providing 16mm. thick cement plaster in all floors at all height with cement mortar of mix (1:6) with OPC 53 grade cement finished smooth to inside smooth surface of brick masonry walls after racking out the joints including watering and curing, rounding of corners etc. complete with cost, conveyance, loading and unloading, royalties and taxes of all materials and cost of all labours, sundries, T&P and scaffolding required for the work etc. complete in all respect as desired by the Engineer in charge.	4.68	Sqm	208.90	Rupees Two Hundred Eight Paise Ninety Only	977.65

	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.					
	Group-A	20.00	Each	420.00	Rupees Four Hundred Twenty Only	8400.00
	Group-B	17.00	Each	648.00	Rupees Six Hundred FortyEight Only	11016.00
	Group-C	10.00	Each	934.00	Rupees Nine Hundred ThirtyFour Only	9340.00
	S/F of 5/6A Switch & 3Pin 5/6A Socket On Existing Board.	12.00	Each	86.00	Rupees EightySix Only	1032.00
	Point wiring for 5 / 6 amp socket outlet with 2 x 1.5 sq.mm FR PVC insulated single core multistrand copper	3.00	Each	560.00	Rupees Five Hundred Sixty Only	1680.00
	Circuit Submain wiring in PVC Conduit.					
1	2 x 1.5sq.mm + 1 x 1.5 sq.mm	70.00	Mtr	126.00	Rupees One Hundred TwentySix Only	8820.00
2	2 x 2.5 sq.mm + 1 x 1.5 sq.mm	230.00	Mtr	140.00	Rupees One Hundred Fourty Only	32200.00
3	2 x 4.0 sq.mm + 1 x 1.5 sq.mm	90.00	Mtr	158.00	Rupees One Hundred FiftyEight Only	14220.00
4	2X6.0 sq.mm + 1x1.5 sq.mm	30.00	Mtr	189.00	Rupees One Hundred EightyNine Only	5670.00
32	S/F of Power plug point	6.00	Each	275.00	Rupees Two Hundred SeventyFive Only	1650.00
83	S/F of BK angle Holder ISI Mark.	20.00	Each	59.00	Rupees FiftyNine Only	1180.00
84	S/F of 48" A.C Ceiling Fan, (Usha/Crompton/Polycab/Bajaj)	11.00	Each	2191.00	Rupees Two Thousand One Hundred NinetyOne	24101.00
85	S/F of Electronics step Fan Regulator.	11.00	Each	275.00	Rupees Two Hundred SeventyFive Only	3025.00
86	S/F of 9" Exhust fan (Usha/Bajaj/Crompton)	7.00	Each	1650.00	Rupees One Thousand Six Hundred Fifty Only	11550.00
87	S/F of Computer Board. 3 nos S.S with wiring	4.00	Each	850.00	Rupees Eight Hundred Fifty Only	3400.00
88	S/F of 18-20 W LED Tube light fittings. (Havells/Crompton/Orient)	15.00	Each	660.00	Rupees Six Hundred Sixty Only	9900.00
89	S/F of 12 Watt LED Bulb (Polycab/IB/Havells)	20.00	Each	180.00	Rupees One Hundred Eighty Only	3600.00
90	S/F of BH fittings with 12 Watt LED bulb	3.00	Each	950.00	Rupees Nine Hundred Fifty Only	2850.00
91	S/F of 45 Watt LED Street light fitting on roof parapit(Havells/Crompton/Bajaj)	2.00	Each	4500.00	Rupees Four Thousand Five Hundred Only	9000.00
92	S/F of SP MCB DB 6 way single door.	3.00	Each	1150.00	Rupees One Thousand One Hundred Fifty Only	3450.00
93	S/F of "B": Series SP MCB.(Havells/Legrand/L&T/HPL)	18.00	Each	157.00	Rupees One Hundred FiftySeven Only	2826.00
94	S/F of 1x1.5sqmm M.S Cu wire for inverter Wiring.	90.00	Mtr	45.00	Rupees FourtyFive Only	4050.00
95	S/F of standard Earthing with charcoal and salt.	1.00	Each	2453.00	Rupees Two Thousand Four Hundred FiftyThree	2453.00
96	Supply & laying of 8 SWG Copper wire.	44.00	Mtr	85.00	Rupees EightyFive Only	3740.00
97	S/F of 63 Amp ICDP Main switch(Havells/Anchor/Orient)	2.00	Each	2650.00	Rupees Two Thousand Six Hundred Fifty Only	5300.00
98	S/F of 32Amp ICDP Main switch(Havells/Anchor/Orient)	1.00	Each	2145.00	Rupees Two Thousand One Hundred FourtyFive Only	2145.00
99	S/F of 6 kg ABC type fire extinguisher	1.00	Nos	3500.00	Rupees Three Thousand Five Hundred Only	3500.00
100	S/F OF 10 mm2 Service wair with g.i.wair	80.00	Mtr	65.00	Rupees SixtyFive Only	5200.00

101	Supply and installation of inverter set with 1150 watt UPS, 150 Ah Tubular battery with trolley. (Luminus/Exide/Mictotek)	1.00	Set	38000.00	Rupees ThirtyEight Thousand Only	38000.00
102	Provision for External Electrification(L.S.)	1.00	Each	10000.00	Rupees Ten Thousand Only	10000.00
TOTAL ESTIMATED COST						3856044.81
OR SAY					3856045.00	
Total 102 (One hundred two) item only			Rupees ThirtyEight Lakh FiftySix Thousand FourtyFive Only			

I M/S _____, _____ Class Contractor hereby quoted my % (Percentage) rates at _____ % (Percentage) in figure and _____ % (Percentage) in word (excess / less/ equal) to the amount put to tender Rs. /- (_____) only.

Note:

1. The contractor should not write anything except quoting of percentages and in case anything else regarding tender rate mentioned, the tender is liable to rejection.
2. Strike out which is not applicable.
3. Percentage should be quoted up to 2 (two) digit after the decimal point.

No of Corrections:-
 No of over writing:-
 No of Pages:-

APPROVED for 88 (eighty eight pages only)


 Block Development Officer,
 Patnagarh

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Contractor


 Block Development Officer, Patnagarh