

No. IX/SHQB/ENGG/AR&M/BGN/VOL-II/25-26 / 879

GOVT. OF INDIA
MINISTRY OF HOME AFFAIRS
SASHASTRA SEEMA BAL
Ftr Hqrs. Guwahati
Village- BORKHAT, P.O.-SONAPUR, DISTT-Kamrup(M)
Assam-782402.

DATED 07/05/2026

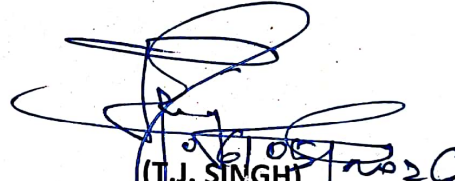
Name of work :- Annual repair and maintenance (Civil and Electrical) of Govt residential and non residential building at SHQ SSB Bongaigaon.

NIT No. :- EE/FTR/GHY/2026/3/SHQ BGN.

Sub.:- Uploading of additional information.

Abstract of cost of above mentioned work is being uploaded as reference for bidders for quoting of rates of items as per specification of individual item.

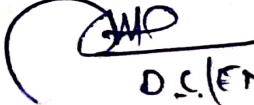
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(T.J. SINGH)
Executive Engineer

Original Estimate

N/W AR&M works of (Civil & Electrical) residential and non-residential buildings at SHQ, SSB, Bongaigaon.

SLNo	Description	Qty	Unit	Rate	Amount	DSR 2023 Item No.
	Estimate ID : ARM Bongaigaon 25-26					9
	WOOD AND P. V. C. WORK					
1	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer- in-charge					9.117
1.1	Extruded section profile size 48x40 mm	15.6	metre	321.90	5022.00	9.117.1
2	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C'					9.12
1	30 mm thick plain PVC door shutters	6.3	sqm	3791.70	23888.00	9.120.1


 D.C. (ENG.)
 SSB BONGA.

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1. UN
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3	Providing and fixing factory made uPVC glazed/wire mesh windows/ doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and					9.147
1.3.1	Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.					9.147.A1
1.3.1.1	Using R2 series with frame (40 mm & above) x (40 mm & above) & sash (25 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated touch locks with hook (Height upto 1.2 metre).	16.8	sqm	9886.00	166085.00	9.147.A1.1
2	FLOORING					11
2.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.					11.3
2.1.1	40 mm thick with 20 mm nominal size stone aggregate	126.48	sqm	731.70	92545.00	11.3.1
2.2	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.					11.41A
2.2.1	Double charge vitrified tile polished finish of size					11.41A.1




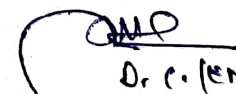
2.1.1	Size of Tile 600 x 600 mm	149.84	sqm	1731.70	259478.00	11.41A.1.1
3	ROOFING					12
3.1	Providing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.					
3.1.1	0.63 mm thick with zinc coating not less than 275 gm/m ²					12.1
3.2	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.	56.7	sqm	1295.70	73466.00	12.1.3
3.2.1	0.63 mm thick with zinc coating not less than 275 gm/m ²					12.4
3.3	Providing and fixing false ceiling at all heights including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including	40	metre	1168.00	46720.00	12.4.2
3.3.1	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)	241.12	sqm	1615.10	389433.00	12.45.1
4	FINISHING					13
4.1	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	380.22	sqm	185.90	70683.00	13.8

2	Distemping with 1st quality acrylic distemper (ready mixed) having VOC (Volatile Organic Compound) content less than 50 gram/ litre, of approved brand and manufacturer including applying additional coats wherever required to achieve even shade and colour					
4.2.1	Old work (one or more coats)					13.81
4.3	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	7104.75	sqm	74.70	530725.00	13.81.1
4.4	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:	3260.68	sqm	30.00	97820.00	13.91
4.4.1	Old work (one or more coats)					13.92
4.5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:	711.48	sqm	111.10	79045.00	13.92.1
4.5.1	One or more coats on old work					13.99
4.6	Finishing walls with Acrylic Smooth exterior paint of required shade:	779.07	sqm	122.50	95436.00	13.99.1
4.6.1	Old work (Two or more coat applied @ 1.67 Itr/ 10 sqm) on existing cement paint surface					13.111
5	REPAIRS TO BUILDING	2715.04	sqm	143.80	390423.00	13.111.1
5.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					14
5.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	18.13	sqm	652.10	11823.00	14.1
5.2	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:					14.5
5.2.1	Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	17.44	sqm	1299.20	22658.00	14.5.1
6	SANITARY INSTALLATIONS					17
6.1	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.					17.18
6.1.1	10 litre capacity - White	15	each	1418.40	21276.00	17.18.1
6.2	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.					17.28
6.2.1	Semi rigid pipe					17.28.1
6.2.1.1	32 mm dia	15	each	123.80	1857.00	17.28.1.1

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7.1.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion. Powder coated aluminium (minimum thickness of powder coating 50 micron)	37.49	Kg.	632.40	23708.68	21.1.1.2
7.1.2.1	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	23.92	Kg.	755.80	18078.74	21.1.2.2
7.2.1	Providing and fixing 12 mm thick prelaminate particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides	3	sqm	1328.7	3986.10	21.2.2
7.3.1	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	3.15	sqm	1401.9	4415.99	21.3.1
7.4.1	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.Upto 5 mm depth and 5 mm width	32.8	metre	115.3	3781.84	21.8.10
	Total				2432354.34	(A)
<p align="center">Note : Rates are based on DSR 2023 with Correction Factor @ 0.973 and inclusive of Cost Index @ 22.43%.</p>						




 Dr. P. (ENGR.)
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