

“CW-4AA & CW-4BB/ Construction, Renovation & Extension of works in 23 Health Facilities under Directorate of Health Services, Health & Family Welfare Department, Government of Meghalaya for East Khasi Hills – III & IV”

**Response to the Pre-Bid queries raised by Contractors.
ADDENDUM NO 1**

Date of Pre- Bid Meeting: 19th January, 2024 at 12:00 PM

Venue: MHSSP Conference Hall and also via Zoom

Meeting ID: 835 1534 3554

Attendance from MHSSP:

- 1) Kmenbhalang Khongwir, Team Leader & M&E, MHSSP.
- 2) Mandakaruhi Rymbai, Health Engineering Manager, MHSSP.
- 3) Artreki Tariang, Health Engineering Manager, MHSSP.
- 4) Mamta Rai, Procurement Consultant, MHSSP.

Attendance from Bidders:

- 1) Two contractors attended Online

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
1	2/12.41	Providing tiles to ward and toilet	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved make, in all colours and shades laid on 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	Missing parameter	Smit PHC	CW-4AA	Sub-item no (c) i.e 800X800mm to be considered. This will be applicable for all sites of both the BOQ unless specified.
2	20.4	Construction of Conference Room	P/F white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I Clamps complete	Missing parameter	Smit PHC	CW-4AA	Sub-item no (a). One urinal basin with 5 litre white P.V.C. automatic flushing cistern to be considered. This will be applicable for all sites of both the BOQ unless specified.
3	13.24	Construction of Conference Room	M.S. holder bat clamps of approved design to C.I. or S.C.I. rainwater pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix and cost of cutting holes and making good the wall	Missing parameter	Smit PHC	CW-4AA	Sub-item no (a) i.e 100 mm diameter to be considered. This will be applicable for all sites of both the BOQ unless specified.

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
4	11/21.1	Construction of Waste Water Management (E.T.P)	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.	Missing parameter	Jongksha PHC	CW-4AA	SOR Item no 21.10 with Sub-item no (ix) 100 mm nominal inner diameter pipes to be considered. This will be applicable for all sites of both the BOQ unless specified.
5	4.0	Improvement and renovation of Yoga Room	Centering and shuttering Including strutting, propping etc. and removal of form for all heights complete and as directed by Engineer in charge.	Missing parameter	Jongksha PHC	CW-4AA	Parameters/Sub-lineitem/s like 4.1/4.2 etc are already mentioned
6	11/21.1	Construction of Waste Water Management(E.T.P)	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.	Missing parameter	Kharang SC	CW-4AA	Already explained in point no 4 above.

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7	11/21.1	Construction of Waste Water Management(E.T.P)	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Change.	Missing parameter	Mawkhyn rew	CW-4AA	Already explained in point no 4 above.
8	14/21.1	Construction of Waste Water Management(E.T.P)	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Change.	Missing parameter	Jatah PHC	CW-4AA	Already explained in point no 4 above.

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
9	11/21.1	Construction of Waste Water Management (E.T.P)	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.	Missing parameter	Thynroid SC	CW-4AA	Already explained in point no 4 above.
10	20.4	Construction of Conference Room	P/F white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I Clamps complete	Missing parameter	Diengpasoh PHC	CW-4AA	Sub-item no (a). One urinal basin with 5 litre white P.V.C. automatic flushing cistern to be considered. This will be applicable for all sites of both the BOQ unless specified.
11	13.24	Improvement of Main Building/ Extension of Diengpasoh PHC at Roof Top i/c sanitary installation and electrification	M.S. holder bat clamps Of approved design to C.I. or S.C.I. rainwater pipes embedded in and including cement concrete blocks 10x10x10 cm Of 1 :2:4 mix and cost of cutting holes and making	Missing parameter	Diengpasoh PHC	CW-4AA	As explained in point no 3 above.

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
12	21.1	Construction of Waste Water Management (E.T.P)	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.	Missing parameter	Mawiong CHC	CW-4AA	As explained in point no 4 above.
13	20.4	Construction of Conference Room	P/F white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I Clamps complete	Missing parameter	Smit PHC	CW-4AA	As explained in point no 10 above.
14	4/3.27	Providing tiles to ward and toilet	Providing VITRIFIED floor Tiles of somany/ Oient/ Nitco/ Qutone make or equivalent of approved Quality, of specified size, shape and thikness not less than 18mm on floor, (c)Delux Range	Item no not found	Smit PHC	CW-4AA	SOR item no 12.41 (c) to be considered here

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
1	7/16.22	Major Repairing of the Main Building	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications, including scaffolding	Missing parameter	Mawsynram CHC	CW-4BB	Sub-item no (c). Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture to be considered. The same is applicable for all sites of both the BOQ unless specified.
2	10/13.7	Major Repairing of the Main Building	Providing and fixing 15 cm wide, 45 cm overall semicircular plain G.S. sheet gutter with iron brackets 40x3 mm size, bolts, nuts and washers, etc., including making necessary connections with rain water pipes complete	Missing parameter	Mawsynram CHC	CW-4BB	Sub-item no :(a)0.80mm thick with zinc coating not less than 25gm/sqm
3	27/14.2	Major Repairing of the Main Building	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm centre to centre and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600	Missing parameter	Mawsynram CHC	CW-4BB	Sub-item no changed on 14.12. Sub-item (c) 12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, to be considered

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
			<p>mm centre to centre to form a grid of 1200x600 mm andSecondary cross "T" of length 600 mm and size 24x25 mmmade of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids Of 600x600mm and wall angle of size 24x24xO.3 mm and laying falseceiling tiles of approved textui.e in the grid including, requiredcutting/ making, opening for services like diffusers, grills, lightfittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27x37x25xl,6 mm fixed to ceiling with 12.5 mm dja. and 50 mm long dash fasteners, 4 mm</p>				
4	2/7.3	Renovation/Modification of New Building to OT Complex	Brick work in cement mortar with first class brick in superstructure above plinth level up to first floor level in all shapes and sizes	Missing parameter	Mawsynram CHC	CW-4BB	Sub-item no (a)Cement mortar 1 :4 (1 cement: 4 coarse sand) to be considered

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
5	24.2	Construction of Immunization Room	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to Is:12823 Grade-I Type-II, in panelling fixed in aluminium 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.	Missing parameter	Mawsynram CHC	CW-4BB	Sub-item no :(b) pre-laminated particle board with decorative lamination on both sides
6	12/12.41	Renovation/Modification of New Building to OT Complex	Providing and laying vitrified floor tiles in different sizes(thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to Is:15622, of approved make, in all colours and shades laid on 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	Missing parameter	Mawsynram CHC	CW-4BB	Sub-item no (b)Size of Tile 600x600 mm to be considered

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
7	12/12.41	Renovation/Modification of New Building to OT Complex	Providing and laying vitrified floor tiles in different sizes(thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved make, in all colours and shades laid on 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	Missing parameter	Syntein SC	CW-4BB	Sub-item no (b) Size of Tile 600x600 mm to be considered
8	2/23.12	Repairing of Main Building, Internal & External Water Supply & Internal Electrification	Dismantling all types of corrugated/ trapezoidal sheet roofing i/c ridges etc...	Item not found	Syntein SC	CW-4BB	SOR item no 18.23 (a) to be considered here
9	3/11.2	Repairing of Main Building, Internal & External Water Supply & Internal Electrification	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all	Missing parameter	Syntein SC	CW-4BB	Item was correctly mentioned, there is no sub item in the SOR

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
10	4/	Repairing of Main Building, Internal & External Water Supply & Internal Electrification	Providing corrugated G.S or galvanised iron sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and a.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	Item no not found	Syntein SC	CW-4BB	Item No 13.1 Providing corrugated G.S or galvanised iron 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. sub item no:(a) 1.00mm thick with zinc coating not less than 275gm/sqm
11	5/13.1	Repairing of Main Building, Internal & External Water Supply & Internal Electrification	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	Missing parameter	Syntein SC	CW-4BB	SOR item no 13.21 to be considered here
12	6/25.13	Repairing of Main Building, Internal & External Water Supply & Internal Electrification	Grading roof for water proofing treatment with	Missing parameter	Syntein SC	CW-4BB	Sub-item no (b), Cement mortar 1 :3 to be considered
13	16/9.6	Repairing of Main Building, Internal & External Water Supply & Internal Electrification	Providing and fixing glazing in aluminium door. window, ventilator shutters and partitions	Missing parameter	Syntein SC	CW-4BB	SOR item no 24.3 (b) to be considered here

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
14	22/20.2	Repairing of Main Building, Internal & External Water Supply & Internal Electrification	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid,10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to Is:7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:	Missing parameter	Syntein SC	CW-4BB	Sub-item no :(a) W.C. pan with Isl marked white solid plastic seat and lid to be considered
15	24/20.12	Repairing of Main Building, Internal & External Water Supply & Internal Electrification	Providing and fixing Stainless Steel A ISI 304 (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 gcod the walls wherever required :	Missing parameter	Syntein SC	CW-4BB	Sub-item no: a(i)510x1040 mm bowl depth 250 mm to be considered
16	1/11.15	Repairing of Sub-Centre Building	Providing and fixing 1 mm"thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and comers, all necessary fittings including applying a priming coat of approved steel primer.complete,	Item not found	Tyngnger SC	CW-4BB	Item is there in SOR. Sub-item no (a) Using M.S. angle 40x40x6 mm for diagonal braces to be considered

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
17	13/9.27	Construction of RCC Staircase for OT Complex	Providing polished VITRIFIED wall tiles of approved quality,size, shape and thickness not less than 8 mm on walls andskirting over cement mortar bed 10 mm thick in prop.1:3 (1cement: 3 coarse sand) including cutting where necessary finished with flush pointing with adhesive or white cementslurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed	Missing parameter	Mawsynr am CHC	CW-4BB	Sub-item no (c) Deluxe Range to be considered
18	13.24	Construction of Laundry Room Staff Quarters.	M.S. holder bat clamps Of approved design to C.I. or S.C.I. rainwater pipes embedded in and including cement concrete blocks 10x10x10 cm Of 1 :2:4 mix and cost of cutting holes and making good the walls, etc	Missing parameter	Mawsynr am CHC	CW-4BB	Sub-item no (a)100 mm diameter to be considered
19	10/7.2	Construction of Sharp Pit	Brick work with common burnt clay modular 1st class bricks in foundation and in plinth:	Missing parameter	Lempluh SC	CW-4BB	Sub-item no (a) Cemem mortar 1 :4 (1 cement: 4 coarse sand) to be considered. Applicable for all sites unless specifically mentioned

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
20	11/21.1	Construction of Waste Water Management (E.T.P)	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & coldwater supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.	Missing parameter	Lyngkhoi SC	CW-4BB	Covered in Point no 4 above
21	7.9		General clarification	Missing parameter	For all Sites	7.9	For all sites unless specifically mentioned, Sub-item no (b). Cement mortar 1 :4 (1 cement: 4 coarse sand) to be considered
22	15.61		General clarification	Missing parameter	Smit PHC	15.61	SOR Item no 16.25 with sub item no (a) New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution to be considered
23	6.1		General clarification	Missing parameter	For all Sites	6.1	For all sites unless specifically mentioned, Sub-item no (b) M20 or 1: 1/2:3 to be considered
24	2.1		General clarification	Missing parameter	For all Sites	2.1	For all sites unless specifically mentioned, Sub-item no (a) All kinds of soil (ordinary soil/ hard soil/ dense soil) to be considered
25	12.1		General clarification	Missing parameter	For all Sites	12.1	For all sites unless specifically mentioned, Sub-item no (c) 100 mm thick in prop 1:3:6 to be considered
26	27/14.12		General clarification	Missing parameter	Mawsynram	27/14.12	Sub-item no (c)12.5 mm thick square edge PVC Laminated Gypsum Tile ofsize 595x595 mm, to be considered
27	1		General clarification	Missing parameter	Diengpashoh	1	Sub-item no (a) Long Point Wiring upto 10 Mts to be considered
28	9.27		General clarification	Missing parameter	Mawsynram	9.27	Sub-item no (c) Deluxe Range to be considered. Applicable for all other sites of both BOQ if not mentioned specifically
29	13.4		General clarification	Missing parameter	Syntein	13.4	SOR item no 13.22 (a) to be considered here
32	21.9		General clarification	Missing parameter	Syntein	21.9	Sub-item no (i) 15 mm nominal outer diameter to be considered
33	21.47		General clarification	Missing parameter	Syntein	21.47	Sub-item no :(a) 15 mm nominal bore to be considered

Sl no	BOQ Item No	Name of Work	BOQ Item Name	Query	Site Name	BOQ	MHSSP Response
34	All		General clarification	All Electrical Items	All sites	All	It may be noted that most of the Items are based from the Electrical SOR 16-17. In such cases, the Contractor may calculate the rate as per the "rate of the similar items in the latest SOR" or "the current market price" (whichever is available)

Sd/-

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Government of Meghalaya