



## Pollution Control Board, Assam Bamunimaidam : Guwahati-21

Phone: 0361-2550258, 2652774; Fax : 0361-2550259

### NOTICE INVITING TENDER

No. PCBA/G-168/24-25/16

Dated Guwahati the 26<sup>th</sup> February, 2025

Sealed tenders in Single Bid system are invited from registered & experienced contractors/firm for the following work of Pollution Control Board, Assam at Bamunimaidam, Guwahati -21. Tenders will be received **up to 2.00 PM of 18.03.2025** and will be opened on the same day at **3.30 PM** in presence of intending tenderers or their authorized representatives. In case, the day of submission of the tender happens to be a holiday on account of Govt. notification and tender can not be received or opened; the tender shall be received up to 2.00 PM and opened at 3.30 PM on next working day for which no separate communications will be made. Other terms & conditions and Bill of Quantity (BOQ) are attached herewith as **Annexure-A & B**.

<b>Name of Work</b>	<b>Construction of Night Chowkidar Quarter at Pollution Control Board, Assam, Head Office, Bamunimaidam, Guwahati -21.</b>
<b>Estimated Value</b>	<b>Rs. 8,94,739.00 (Rupees Eight Lakh Ninety Four Thousand Seven Hundred Thirty Nine only)</b>
<b>Earnest Money</b>	<b>Rs. 18,000.00</b>
<b>Date of issue of tender paper</b>	<b>From 27.02.2025 to 17.03.2025</b>
<b>Last Date &amp; time for Submission of tender</b>	<b>Up to 2.00 PM of 18.03.2025</b>
<b>Date &amp; time for Opening of tender</b>	<b>At 3.30 PM of 18.03.2025</b>

#### Qualifying criteria for issue of Tender Document:

1. Should be registered with APWD/CPWD/MES, other State/Central Govt. Deptt., Autonomous body, Govt. undertaking.
2. Should have experience in execution of similar type of works of value not less than Rs. 7,00,000/- in a single work or two works of value not less than Rs. 3,50,000/- each completed in any one year during last three years. Work order and Completion certificate should be enclosed with the application for issue of tender. (Work order/completion certificate of Govt. / Semi Govt. Department/Autonomous Body only are acceptable).
3. Application requesting for the issue of tender paper must be accompanied by supporting documents for the qualifying criteria as stated above along with the receipt of online payment of **Rs. 1000.00 (Rupees one thousand)** only as a cost of tender paper (nonrefundable) via NEFT / RTGS in favour of the Member Secretary, Pollution Control Board, Assam. Bank account details are as follows-  
Name of Accounts : Pollution Control Board, Assam  
Bank Account No. : 50100159537391  
Bank : HDFC Bank Ltd.  
Branch : Panbazar Branch.  
IFSC Code : HDFC0004678
4. Should have GST Registration Certificate.
5. Should have Income tax / Sale tax clearance certificate.
6. Should have PAN Card in the name of the contractor / firm.

The Pollution Control Board, Assam does not bind itself to accept the lowest tender and reserves itself the right to reject any or all the tenders received without assigning any reason thereof.

**Other Terms & Conditions:**

1. Rates shall be quoted in figure and words in the **Bill of Quantity (BOQ)** enclosed as **Annexure-B**. If there are any variations between the rate of figure and words, the rate quoted in words shall be considered.
2. All pages of the tender document shall be signed and dated at the lower right-hand corner by the tenderer or by a person holding power of attorney authorizing him to sign on behalf of the tenderer before submission of the tender.
3. The work shall be completed within **180 (one hundred eighty)** days from the date of issue of the formal Work Order.
4. The rates shall be inclusive of GST and all taxes, forest royalty, cess, octroy, loading & unloading and transportation etc. of all the materials to site.
5. The contractor shall arrange all the plants, equipments, machineries etc. required for the work to site for which no extra charges will be paid.
6. Any abnormal rate quoted in the tender will summarily be rejected for which no communication will be made.
7. The Earnest Money Deposit (EMD) shall be paid / transferred online to the account of Pollution Control Board, Assam in favour of the **Member Secretary, Pollution Control Board, Assam** and receipt of EMD should be attached with the tender.
8. Defect liability period: 1 (one) year from the date of completion.
9. 10% of the Bill Value will be retained as Security Deposit and will be released after 6 months from the date of completion of work. Any damage or defect in the work during this period due to materials supplied by the contractor or bad workmanship shall have to be rectified or replaced by the contractor at his own cost or the Engineer –in-charge may cause the same to be made good by other workman and deduct the expenses from the security deposit. No interest will be paid on security deposit.

Name of Accounts	:	Pollution Control Board, Assam
Bank Account No.	:	50100159537391
Bank	:	HDFC Bank Ltd.
Branch	:	Panbazar Branch.
IFSC Code	:	HDFC0004678

10. Documents to be enclosed:

- i. Copy of Contractor / Firm registration certificate.
  - ii. Copy of Experience certificate along with work order.
  - iii. GST Registration certificate.
  - iv. PAN card.
  - v. Income Tax / Sales Tax clearance certificate.
  - vi. EMD receipt.
11. Any tender submitted without the documents mentioned above will be considered as incomplete and the tender will be rejected for which no communication will be made.
  12. The contractor will arrange for water and electricity of his own. However, the Board may provide electricity on the request of the contractor and under the terms and condition fixed by the Board.
  13. The EMD of the successful tenders shall be retained as initial security.
  14. All legal disputes will be subjected to jurisdiction of Gauhati High Court only.

Memo No. PCBA/G-168/24-25/16-A 1666

Dated Guwahati the 26<sup>th</sup> February, 2025

Copy to:

1. The Hon'ble Chairman, Pollution Control Board, Assam for favour of information.
- ✓ 2. The HoIT, IT Section, Head Office, PCBA for information & necessary action. Requested to upload the NIT in the Board's website.
3. The Manager (F & A) of the Board for information & necessary action.
4. PCBA website ([www.pcbassam.org](http://www.pcbassam.org)) / Notice Board of the PCBA Head Office.



Member Secretary

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**BOQ for the Work: Construction of Night Chowkidar Quarter at Pollution Control Board, Assam, Head Office, Bamunimaidam, Guwahati-21.**

Sl. No.	DSR No.	Description of item	Unit	Quantity	Rate (In Rs.)	Amount	
						Rate in Figures	Rate in Words
Part-A: Civil Works							
1	2.6/ DSR (Vol-I) 2023	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge. 2.6.1 All kinds of soil	Cumec	6.62			
2	6.12/ DSR (Vol-I) 2023	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : 6.12.2 cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm.	4.50			
3	4.20/ DSR (Vol-I) 2023	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing,carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. All works upto plinth level : 4.20.1.1 Concrete of M10 grade with minimum cement content of 220 kg /cum	Cumec	1.16			

4	5.22/ DSR (Vol-I) 2023	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					
		5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	321.44			
		5.22.1 Mild steel and Medium Tensile steel bars	Kg	66.472			
5	5.22A/D SR (Vol-I) 2023	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.					
		5.22A.6 Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	243.64			
		5.22A.1 Mild steel and Medium Tensile steel bars	Kg	83.83			
6	5.9/ DSR (Vol-I) 2023	Centering and shuttering including strutting, propping etc. and removal of form for					
		5.9.1 Foundations, footings, bases for columns	Sqm.	14.40			
		5.9.6 Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm.	18.72			
		5.9.5 Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm.	34.80			
		5.9.3 Suspended floors, roofs, landings, balconies and access platform	Sqm.	5.27			
7	5.1/ DSR (Vol-I) 2023	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :					
		5.1.3 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	Cumec	4.35			

8	5.3/ DSR (Vol-I) 2023	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	Cumec	1.71			
9	6.2/ DSR (Vol-I) 2023	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:4 6.2.1 in prop 1:4	Cumec	6.47			
10	4.10/ DSR (Vol-I) 2023	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources	Sqm.	4.32			
11	6.13/ DSR (Vol-I) 2023	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. 6.13.2 In cement mortar in prop 1:4	Sqm.	124.09			



12	26.86/DSR (Vol-II) 2023	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibres (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having maximum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm <sup>2</sup> , modulus of elasticity 900 N/mm <sup>2</sup> and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In-Charge. (M.S. hold fast/lugs or SS dash fasteners shall be paid for separately).					
		26.86.3 Frame size 50 x 100 mm	Rm	20.60			
		26.86.1 Frame size 45 x 70 mm	Rm	10.02			
13	13.2/DSR (Vol-II) 2023	15 mm cement plaster on the rough side of single or half brick wall of mix :					
		13.2.1 1:4 (1 cement: 4 fine sand)	Sqm.	115.23			

14	26.87/DS R (Vol-II) 2023	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibres (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100gms) having minimum density of 650 kg/cum, screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength of 50 N/mm <sup>2</sup> , modulus of elasticity 850 N/mm <sup>2</sup> and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In-Charge.	Sqm.	3.90			
15	26.90/DS R (Vol-II) 2023	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain white colour board for backing of cup boards and bathroom/kitchen cabinets etc. of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibres (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100gms) having minimum density of 650 kg/cum, screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength of 50 N/mm <sup>2</sup> , modulus of elasticity 850 N/mm <sup>2</sup> and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel screws etc. all as per direction of Engineer-In-Charge. 26.90.1 6 mm thick	Sqm.	7.22			



16	21.1/ DSR (Vol-II) 2023	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular section/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 direction of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately)					
		21.1.1 For fixed portion 21.1.1.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	14.07			
		21.1.2 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) 21.1.2.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	13.49			
17	13.1/ DSR (Vol-II) 2023	12 mm cement plaster of mix : 13.1.1 1:4 (1 cement: 4 fine sand)	Sqm.	110.70			

18	10.16/DS R (Vol-I) 2023	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. 10.16.1 Hot finished welded type tubes	Kg	282.13			
19	12.1/ DSR (Vol-I) 2023	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. 12.1.3 0.63 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>	Sqm.	20.24			
20	12.4/ DSR (Vol-I) 2023	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. 12.4.2 0.63 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>	Rm	3.95			
21	13.44/DS R (Vol-II) 2023	Finishing walls with water proofing cement paint of required shade : 13.44.1 New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm.	82.59			
22	11.37/DS R (Vol-I) 2023	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20mm thick cement mortar 1:4 (1 Cement : 4 Course sand), Jointing with grey cement slurry @3.3 kg/sqm including pointing the joints with the white cement and matching pigment etc., complete.	Sqm.	20.10			

23	11.41/DS R (Vol-I) 2023	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 course sand), jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete.	Sqm.	25.70			
24	26.22/DS R (Vol-II) 2023	Providing and fixing false ceiling at all heights with integral densified calcium silicate reinforced with fibre and natural filler false ceiling tiles of Size 595x595mm of approved texture, design and patterns as per CPWD Specification 2019, to be laid in true horizontal level suspended on inter-locking metal T-Grid of hot dipped galvanised iron section of 0.33mmthick (galvanized @ 120 grams per sqm including both sides)comprising of main-T runners of size 24x38 mm of length 3000 mm,cross - T of size 24x32 mm of length 1200 mm and secondary intermediate cross-T of size 24x32 mm of length 600mm to formgrid module of size 600 x 600 mm, suspended from ceiling using galvanised mild steel items (galvanizing @ 80 grams per sqm) i.e. 12x50mm long dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 76x25x25x1.6 mm fixed with grid and Z cleat of size 25x37x25x1.6mm thick with precut hole on both 25mm flange to pierce into 12x50 mm or even bigger size dash fastener if require, fixed with Glavanised iron perimeter wall angle or size 24x24x0.40 mm of length 3000 mm to be fixed onperiphey wall / partition-with the help of plastic rawl plugs at 450mm center to center and 40 mm long dry wall S.S screws. The workshall be carried out as per specifications, drawing and	Sqm.	17.10			
25	13.39/DS R (Vol-II) 2023	Colour washing such as green, blue or buff to give an even shade : 13.39.1 New work (two or more coats) with a base coat of white washing with lime	Sqm.	110.70			



26	9.48/ DSR (Vol-I) 2023	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 9.48.1 Fixed to steel windows by welding	Kg	20.83			
27	9.62/ DSR (Vol-I) 2023	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete (Copper oxidised as per IS 1378): 9.62.2 250x16 mm	Each	2			
28	9.63/ DSR (Vol-I) 2023	Providing and fixing ISI marked oxidised M.S. tower bolt black finish,(Barrel type) with necessary screws etc. complete (Copper oxidised as per IS 1378):					
		9.63.1 250x10 mm	Each	4			
		9.63.3 150x10 mm	Each	8			
29	9.66/ DSR (Vol-I) 2023	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete (Copper oxidised as per IS 1378):					
		9.66.1 Door handle 125 mm	Each	4			
		9.66.3 Door handle 75 mm	Each	8			

#### **Part-B: Water Supply and Sanitary Works**

1	18.8/ DSR (Vol-II) 2023	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.					
		18.8.2 20 mm nominal dia pipes	Rm	13			

2	18.9/ DSR (Vol-II) 2023	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply and all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. External work					
		18.9.3 25 mm nominal dia pipes	Rm	40			
		18.9.7 65 mm nominal dia pipes	Rm	20			
		18.9.9 100 mm nominal dia pipes	Rm	13			
3	18.54/DS R (Vol-II) 2023	Providing and fixing PTMT bib cock of approved quality and colour. 18.54.1 15 mm nominal bore, 86 mm long, weighing not less than 88 gms	Each	4			
4	18.63/DS R (Vol-II) 2023	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms	Each	2			
5	18.64/DS R (Vol-II) 2023	Providing and fixing PTMT swivelling shower, 15 mm nominal bore, weighing not less than 40 gms	Each	1			
6	17.60/DS R (Vol-II) 2023	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: 17.60.1 100 mm inlet and 100 mm outlet					
		17.60.1.1 Sand cast iron S&S as per IS: 3989	Each	2			
7	17.7/ DSR (Vol-II) 2023	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:					
		17.7.4 White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap.	Each	1			

8	17.10/DSR (Vol-II) 2023	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 good the walls wherever required :					
		17.10.2 Kitchen sink without drain board					
		17.10.2.3 470x420 mm bowl depth 178 mm	Each	2			
9	17.1/DSR (Vol-II) 2023	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low 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:					
		17.1.1 White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	1			

(Gokul Bhuyan)  
Member Secretary