DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MINISTRY OF HEALTH & MASS MEDIA

TEACHING HOSPITAL, PERADENIYA

CONSTRUCTION OF NEW WASH ROOM AT WARD NO. 01

BIDDING DOCUMENT

CONTRACT NO: THP/AD/05(1)/2026

Volume II

Invitation for Bids

Section 04 - Form of Bid and Qualification Information

Section 07 - Bill of Quantities

Contractor ……

CONSULTANT

CENTRAL ENGINEERING CONSULTANCY BUREAU
415, BAUDDDHALOKA MAWATHA,
COLOMBO 07.

CLIENT

MINISTRY OF HEALTH & MASS MEDIA
" SUWASIRIPAYA "
385, REV BADDEGAMA WIMLAWANSA THERO MAWATHA
COLOMBO 10.

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INVITATION FOR BIDS

1. Invitation for Bids (IFB)

1. . The Chairman, General Hospital (Teaching), Peradeniya on behalf of the Teaching Hospital, Peradeniya now invites sealed bids for **Construction of new wash room at ward no.01** as described below and estimated to cost Rupees 1.33M. (excluding VAT & Contingencies).

   The Site is Located at the premises of Teaching Hospital, Peradeniya. Work to be carried out are mainly comprise of Demolisher, Excavator, Concreter, Masonry, Floor Finisher, Wall Finisher, Painter, Aluminium Work, Roof Work, Plumber, Ceiling Work and Miscellaneous work …etc. (For more detail refer BOQ).

   The contract period will be 90 Days.

2. Bidding will be conducted through National Competitive Bidding Procedure.

3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the following requirements.

   CIDA (ICTAD) Registration Required:
   Speciality: **Building**
   Grade : **C9, C8 and C7**

4. Qualification requirements to qualify for contract award include:

   (a) Technical staff at site to be
   1.One Technical Assistant (Civil, full time on site) – NCT or equivalent with 3 year experience.

   (b) Contractor has successfully completed at least two projects similar to this by value and complexity during last five years

5. You may obtain further information from Director, Teaching Hospital, Peradeniya, Tel. No. 081 - 3990312 and inspect the bidding documents at the address given below from 09.00 hrs to 14.00 hrs.

6. A complete set of Bidding Documents in English language may be purchased by you on the submission of a written application to the address given below, from 2026.10.28 until 2026.11.10 from 09.00 hrs to 15.30 hrs or download the bidding document browsing *www.peradeniya-hospital.health.gov.lk* upon payment of a non-refundable fee of Rs. 2,500.00

7. Bids shall be delivered to the address below on or before 10.30 hrs on 2026.11.11. Late bids will be rejected. Bids will be opened soon after closing in the presence of the bidders' representatives who choose to attend.

8. All bids shall be accompanied by a Bid Security of Rupees **Twenty Thousand (Rs 20,000.00) only.** Validity of Bid security shall be up to 2027.01.27 from the date of closing of the bid (including closing date of bid).

9. Bids shall be valid up to 49 Days.

10. The addressed referred to above is,

Chairman,
Regional Procurement committee,
Teaching Hospital
Peradeniya,
Tel 081 - 3990312

SECTION – 4

FORM OF BID AND QUALIFICATION INFORMATION

FORM OF BID

Name of Contract: **Construction of new wash room at ward no.01**

Beneficiary: :Director,
Teaching Hospital,
Peradeniya.

Gentlemen,

1. Having examined the Conditions of Contract given in the Standard Bidding Document – Procurement of Works – Minor Contracts (ICTAD/SBD/03-First edition, September 2003 and Addendum issued in January 2006), Schedule, Specifications, Bill of Quantities, Drawings and Addenda for the execution of the above named Works, we the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the aforesaid Conditions of Contract, Schedule, Specifications, Bill of Quantities, Drawings and Addenda for the sum of Sri Lankan Rupees (without VAT) …..……..…… …… …… ……(SL Rs. ……...), or such other sums as may be ascertained in accordance with the said Conditions.

2. We acknowledge that the "Schedule" forms part of our Bid.

3. We undertake, if our Bid is accepted, to commence the Works as stipulated in the Schedule, and to complete the whole of the Works comprised in the Contract within the time stated in the Schedule.

4. We agree to abide by this Bid for a period of 49 days from the date fixed for receiving, or any extended period, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. Unless and until a formal Agreement is prepared and executed, this Bid together with your written acceptance thereof, shall constitute a binding contract between us.

6. We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this …… day of …… 2026 in the capacity of …… … …… …… , duly authorized to sign Bids for and on behalf of …… …….. ….. ….. …… ….. ….…… ……..….. (*IN BLOCK CAPITALS*)

Signature:

Address:
…….
…….

Witness

QUALIFICATION INFORMATION

(To be completed by the Bidder and submitted with the bid)

	Eligibility Requirement	Bidder's Qualification
ICTAD(CIDA) Registration	*(attach copies of relevant pages from the registration book)*	
Registration Number		
Grade	**C9,C8 and C7**	
Specialty	**Building**	
Expiry Date		
Blacklisted Contractors		
Have you been declared as a defaulted contractor by NPA or any Agency?		Yes / No
If yes provide details		
VAT Registration Number *		
Construction program	(attach as annex)	
Legal Status	(Public company /Private company / Partnership / Sole proprietor) - *attach relevant copies as annex*	

	Eligibility Requirement		Bidder's Qualification
Qualification an experience of key staff(attach relevant certificates)	Category, Experiences and Qualifications	Required Nos.	Proposed by bidder (Name. Experience and Qualifications)
	Technical Assistant (civil – full time in site) – NCT or equivalent with 03 year experience.	01	
Value of similar works completed in last 10 years (Indicate only five largest projects)	1. Value Rs……..…… Year …….. 2. Value Rs……. Year ……. 3. Value Rs……. Year …….. 4. Value Rs……. Year ……. 5. Value Rs……. Year …….. (Attach certified copies of certificate of completion)		

Signature of the Bidder: …….

SECTION - 7

BILL OF QUANTITIES

PREAMBLE TO THE BILL OF QUANTITIES

1. The Conditions of Contract, the Specifications are to be read in conjunction with the Bill of Quantities.

2. The cost of complying with all conditions, obligations and liabilities described in the Conditions of Contract and the Specifications and the Bill of Quantities **including all overhead charges (excluding VAT), profit and Preliminaries** and carrying out the work as described shall be deemed to be spread over and included in the prices or sums stated by the Bidder in the Bill of Quantities. VAT should be separately added.

3. If the Bidder failed to price any Items in the Bill of Quantities then the cost of the work under such Item shall be held to be spread over and included in the prices given against other Items of work.

4. When trade names, brand and/or catalogue numbers are referred to, sole preference to any material or equipment is not intended. Any other material or equipment may be used, provided that the characteristics of type, quality, appearance, finish, method of construction and/or performance is equal to or superior to specify.

5. Whenever the method of measurement is not clear from documents available, the principles as given in the Sri Lanka Standard 573, 1999, Method of Measurement of Building Work shall be applicable.

6. All items of work shall comply exactly with the Contract unless otherwise approved by the Engineer and the rates and sums inserted in the Bill of Quantities shall be deemed to apply to the work as specified. If, for his convenience or reasons of availability, the Contractor proposes and the Engineer approves the use or provision of alternative items, materials or method of working, or equivalent or superior quality to those specified in the Contract, the rates and sums inserted in the Bill of Quantities shall not in any case be increased as a result.

7. The quantities set out in the Bill of Quantities are provisional and cover the approximate scope of the work which is anticipated to be performed by the Contractor. The actual quantities used for final measurement purposes will be determined by the Engineer by measurement of the work completed by the Contractor.

8. Where, for his own purposes or due to his own default, the Contractor carries out the Works in such a manner that the quantity of any Item of work in particular component to be measured for payment purposes differs from that directed by the Engineer, then payment shall be made according to the lesser of the actual quantity and that directed. An excess quantity in one part of the component shall not, however, be allowed to offset a deficit elsewhere in the same component for measurement purposes.

9. Where the determination for payment purposes of the quantity of any Item of work depends upon the measurement of existing features or ground levels and the like, then prior to carrying out any operations which might affect such measurement, the Contractor shall first take such levels and measurements as the Engineer may direct and, after the Engineer has had the opportunity to check the same, they shall be certified as agreed by both the Engineer and the Contractor.

10. In the event that the Contractor fails to observe the above procedure, the Engineer shall determine the quantity to be assumed for payment purposes using the best information available to him, and his decision in the matter shall be final.

11. Selected Bidder shall comply with the arrangement of work in the buildings and be ready to work part by part as required by the Authorities of Teaching Hospital Peradeniya**.**

12. Rates in the Bill of Quantities shall include all necessary materials such as cables, PVC conduits, PVC sunk boxes etc and labour required to complete the electrical installation to good working order.

13. Except where specifically stated, all costs associated with provision of all holes, openings, chases and ducts in other builders' work required for installation and make them good , shall be included in the rates.

14. Bidder should pay special attention to the work to be carried out, causing minimum disturbance or hindrance to the normal functions and activities of the users of the Teaching Hospital Peradeniya.

15. The Bills of Quantities should therefore, be priced to reflect all factors that would affect the bid and the progress of the works.

16. All electrical accessories should comply with relevant BS/IEC standards. For electrical accessories, manufacturer's guarantee should be produced if necessary.

17. The wiring installation shall comply with the requirements of IEE Wiring Regulations, latest edition.

18. Screens should be provided to prevent dust escaping from working areas.

19. Metric units are used throughout the Bill of Quantities for measurement purposes unless otherwise indicated. Abbreviations used in the Contract are as follows:-

mm	-	Millimeter
m	-	Linear meter
kg	-	Kilogram
m^2	-	Square meter
m^3	-	Cubic meter
nr	-	Number
Rs.	-	Sri Lankan Rupees
Cts.	-	Cents
P. S.	-	Provisional sum
L. S.	-	Lump Sum

CONSTRUCTION OF NEW WASH ROOM AT WARD NO. 01
GENERAL HOSPITAL (TEACHING) - PERADENIYA

MAIN SUMMARY

ITEM	DESCRIPTION	AMOUNT Rs. Cts.
A	**DEMOLISHER**	
B	**EXCAVATION**	
C	**CONCRETER**	
D	**MASONRY WORKS**	
E	**FLOOR FINISHES**	
F	**WALL FINISHES**	
G	**PAINTER**	
H	**ALUMINUM WORK**	
I	**ROOF WORK**	
J	**PLUMBER**	
K	**CEILING WORK**	
L	**MISCELLANEOUS WORKS**	
(a)	**Sub Total I**	
(b)	Ddt: Provisional Sum	100,000.00
(c)	**Sub Total II**	
(d)	Ddt : …..% Discount	
(e)	**Sub Total III**	
(f)	Add: Provisional Sum	100,000.00
(g)	**Total amount for Bid**	
(h)	Add : 18% VAT	
(j)	**Total Amount with VAT**	

Total Sum carried to Form of bid in words Rupees (without VAT) ……

……

Signature of the Contractor

Witness :-

Address

Address :-

Date

Date :-

CONSTRUCTION OF NEW WASH ROOM AT WARD NO. 01
GENERAL HOSPITAL (TEACHING) - PERADENIYA

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	Note:- *(a) Rates are included for cleaning away debris within the Hospital Premises. Reusable/serviceable material shall be handed over to the client in formal way and any place of fixing and removing scaffolding.* *(b) All preliminary cost work should be included within BOQ items.*				
A	**DEMOLISHER**				
A1	Removing & stacking Door or window (sash with frame) size over 4.0m2 from existing walls.	nr	2		
A2	Demolishing bricks / Masonry block walls, inclusive of plaster and any fixtures including debris cleared away.	m^2	2		
	Sub Total carried to Summary				
B	**EXCAVATION**				
B1	Excavation in foundations in normal earth up to a depth of 1.0 m including backfilling, compacting and disposal of surplus earth	m^3	2		
	Sub Total carried to Summary				
C	**CONCRETER**				
	Unless otherwise stated all concrete shall be of grade as per Specifications/Drawings.	*Note*			
	Rates for concrete shall include for forming construction joints, expansion joints or contraction joints as necessary.	*Note*			
	Concrete will be measured as the net area/volume, as shown on the drawings.	*Note*			
	Rate for concrete shall include for :				
	supply, handling at site, mixing, depositing, compacting, vibrating, curing and making good after removal of formwork.	*Note*			
	preparation of surfaces, roughening/chipping to the approval of the Engineer.	*Note*			
	Reinforcement and Formwork paid separately unless specified in the Item.	*Note*			
	Rate shall include for necessary tests including cube tests as per the BS 1881 and SCA/4/1.	*Note*			

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	Formwork				
	Rate for formwork shall include for all necessary boarding, supports, erecting, framing, cutting angles, cleaning, apply approved foam oil, wetting before placing concrete, removal etc.	*Note*			
	Formwork is measured as the net contact surface measurement between formwork and concrete.	*Note*			
	Film coated Plywood or other equivalent quality approved type of shuttering should be used. Mould oil should be applied to formwork surfaces before using.	*Note*			
	Rate for form work shall include for all necessary measures to provide fair face finish.	*Note*			
C1	Mixing and placing concrete grade 20 in position, nominal mix 1:2:4 (20mm) using a concrete mixer including fuel/operator/handling/vibrator & curing.	m^3	2		
C2	Sawn timber formwork in class III timber for ground concrete work with side support or props, at ground level plinth beams, lintels etc. including fixing and dismantling.	m^2	5		
C3	Tor steel reinforcement bends to shape laid in position and tied with G.I. wire as directed. Including spaces & chairs.	kg	25		
C4	Mild steel reinforcement bends to shape laid in position and tied with G.I. wire as directed. Including spaces & chairs.	kg	10		
	Sub Total carried to Summary				
D	**MASONRY WORKS**				
D1	R.R. masonry in 1:5 cement and sand mortar in foundations	m^3	2		
D2	Masonry block work 150mm thick (Nominal) in walls in cement and sand 1:5 mortar using solid blocks made of cement and sand to the proportion of 1:10, confirming compressive strength not less than 2N/mm2 at ground floor level	m^2	25		
	Sub Total carried to Summary				
E	**FLOOR FINISHES**				
E1	Supplying and laying 300 x 600 mm locally manufactured Homogeneous Porcelain rustic floor tiles to floors including 12mm thick 1:3 cement sand bedding and finished with tile grout to match the tile with skirting.	m^2	10		
	Sub Total carried to Summary				
F	**WALL FINISHES**				
F1	16mm thick 1:5 cement and sand plastering to walls finished smooth with lime putty.	m^2	15		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
F2	16mm thick cement, lime and sand 1:5 plaster finished semi-rough with wooden float.	m^2	30		
F3	Supplying and laying 300 x 600 mm locally manufactured Homogeneous Porcelain rustic wall tiles to walls including raking plaster and bedding in cement mortar 1:3, joints finished with tile grout to match colour of tiles and cleaning. .	m^2	25		
	Sub Total carried to Summary				
G	**PAINTER**				
	Rates shall include for,				
	The prices shall include for preparation of surface (after scraping to original plaster and patching up if needed), cleaning down, use of wall fillers and primary paint coats to obtain neat surface., sand papering etc.	*Note*			
	Protection of floors and fittings, removing door and window furniture, and cleaning window etc. upon completion.	*Note*			
	Reveal, Column Projections, undersides of lintels and wall ends less than 300mm shall not be measured and shall be incorporated in other measurements. Isolated columns shall be measured for payments.	*Note*			
	All weathershield/ floor paints, primer shall be of approved make with non lead pigment.	*Note*			
	Rate to include for the cost for the scaffoldings.	*Note*			
G1	Prepare and applying two coats of filler using brush or roller.	m^2	50		
G2	Paint emulsion, applying two coats after cleaning and preparing surface	m^2	20		
G3	Paint exterior emulsion, applying two coats after cleaning and preparing on surfaces .	m^2	30		
	Sub Total carried to Summary				
H	**ALUMINUM WORK**				
	Aluminium extrusion should be manufactured under the certification of ISO 9001:2008				
	The work shall include supply, fabricate and installation of doors, windows out of Aluminium Sections.				
	Tolerance for thickness of the section is ***± 10%*** *from the specific thickness given in the manufactures made.*				

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	Concealed screws, nuts, bolts, rivets and other fastening devices shall be of Aluminium, non magnetic stainless steel or other approved corrosive resistant materials. If visible, they shall blend with the finish of the framing Aluminium Sections. *For each fabrications, a shop drawing shall be furnished to the Engineer, One month prior to the installation commencement and should get the approval for the same.* *Samples of hinges , Aluminium sections, Al composite boards etc shall be forwarded by the contractor for prior approval of the Engineer.* *The fabrication and installation of all aluminium work must be carried out by specialist tradesman.* *It shall be bidder's responsibility to check the sizes of all openings on site, prior to fabrication.* *Supply, assemble and fix in position aluminium framed glazed aluminium sash door, window, fanlight, partition units complete with sealant glazing screwed beadings, locks, fasteners, gasket, hardware and fittings all complete as per detail drawing.* *Rate shall include for testing for Hardness, profile thickness, coating thickness of Aluminium extrusions* *Details of Aluminium Sections and accessories to be used if not specified separately.* **for Sash** Doors - Width of Top bar-80mm Width of Middle bar-100mm Width of Bottom bar-120mm **Glass** **Doors** - 6mm thick clear float glasses Gardian or equivalent **Lock** (if not separately specified) -Door lock with triplicate keys (Mortice type) Alpha or equivalent. **Hinges** - 04 nos Stainless Steel (304) (Kinglong) hinges to be provided for a door sash if not separately specified				
H1	Fabricating and fixing Powder-coated aluminium hinged type sash Bathroom door with aluminium architectural sections with 60-80 micron coating panelled with 3mm cladding board at bottom and top. Including door lock with handle etc.	m^2	2		
H2	Fabricating and fixing Powder-coated aluminium glazed fanlight with openable sash with aluminium architectural sections with 60 - 80 micron coating glazed with 4.6 mm thick glass, including all necessary rubber beading, rawl plug, etc.	m^2	0.5		
	Sub Total carried to Summary				

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
I	**ROOF WORK**				
	Rates shall include for fixing & removing scaffoldings/ safety nets.	*Note*			
I1	Supplying, fabricating & fixing 2" × 2" (2mm thick) GI box bar. Rate include for applying two coats of zink phosphate primer & two coats of enamel paint.	m	28		
I2	Supplying & fixing colour Zn/Al. roofing sheets with self-drilling screws (fasteners) on the framework - Frame work measured separately. The nominal base metal thickness of the Roofing sheet (BMT) should be 0.42 mm and the total coated thickness (TCT) not be less than 0.47 mm, HI-Tensile steel with minimum 550 Mpa yield strength, the Coating mass of the roofing sheet is AZ150 (Minimum 150 gms/sq.m total on both sides). For the Zn/Al sheets, 10 years of guarantee should be given by the manufacture.	m^2	12		
I3	Supplying & Fixing Zn / Al Valance board of nominal girth 470mm. (The nominal base metal thickness (BMT) should be 0.42 mm and the total coated thickness (TCT) not less than 0.47 mm) including Screws. Nominal girth 470mm. The coating mass of the Zn/Al sheet is AZ150 (Minimum 150 gms/sq.m total on both sides)	m	10		
I4	Supplying and fixing Gutters colour Zn /Al (The nominal base metal thickness (BMT) should be 0.42 mm and total coated thickness (TCT) not less than 0.47 mm) 470mm girth with brackets not exceeding 0.6m crs. rate includes for specials. The coating mass of the Zn/Al sheet is AZ150 (Minimum 150 gms/sq.m total on both sides).	m	5		
I5	Supplying and fixing down pipes colour Zn/Al 100mm X 100mm (The nominal base metal thickness (BMT) should be 0.42 mm and total coated thickness (TCT) not less than 0.47 mm) with brackets not exceeding 1.2m crs. of the pipe, rate includes for specials. The coating mass of the Zn/Al sheet is AZ150 (Minimum 150 gms/sq.m total on both sides).	m	5		
	Sub Total carried to Summary				
J	**PLUMBER**				
	Sanitary Fittings & Fixtures				
	Supply and installation of approved quality sanitary appliances with pipe specials, fittings, and special connecting to water supply, sewage and wastewater disposal pipes.	*Note*			
	Unless otherwise measured separately, Rates shall include for:				

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	(a) Fittings such as taps, wastewater outlets, internal over flows etc. and supporting brackets, incidental materials for fixing.	*Note*			
	(b) Assembling, jointing together fixing components parts, and jointing to pipes including necessary coupling and for leaving perfectly clean and in perfect working order as on completion.	*Note*			
	(c) all necessary fixtures for sanitary fittings and special connection to water supply, wastewater and sewer lines	*Note*			
	(d) Jointing and connection pipes to sanitary fittings.	*Note*			
	(e) Testing and commissioning of the installation.	*Note*			
	(f) Making good the work disturbed.	*Note*			
	(g) Protecting the works	*Note*			
	(h) All Samples should be approved by the Engineer	*Note*			
J1	Supplying & fixing Wash basin with pedestal Vitreous China 575 X 450 X 820mm (Rocell urban D or equivalent) and Chromium Plated Swan neck Type Pillar Tap (Rocell N091214 or equivalent) complete with Waste Plug (Rocell A38, A43 or equivalent), chromium plated waste chain & stay.	nr	1		
J2	Supply and installation of stainless steel wired Soap dish . Rate shall include all fixtures.	nr	1		
J3	Supply & fixing approved Closet with working order in white vitreous china, syphonic system, hinged acrylic soft closing seat and lid including 20mm(1/2")dia. chromium plated angle valve and chromium plated flexible hose. Rate to include for necessary fixtures and special connection to water supply line and sewer lines.	nr	1		
J4	Supplying & fixing mirror for bathroom 450mm x 600mm size approved quality with screws, plugs etc.	nr	1		
J5	Supplying & fixing 20mm(1/2") dia. bidet spray approved best quality.(chromium plated)	nr	1		
J6	Supplying and fixing 20mm(1/2") dia. Approved, heavy quality chromium plated bib tap with 20mm(1/2") dia. P.V.C. Faucet Socket . (Rocell SD9A126 or equivalent)	nr	1		
J7	Supplying & fixing 20mm(1/2") pipe dia.,150mm approved chromium plated shower rose.	nr	1		
J8	Supplying & fixing approved stainless steel Towel rail with screws, plugs etc.	nr	1		
J9	Supply and fix 20mm dia Chromium plated Brass Concealed Valve.	nr	2		
J10	Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy quality chromium-plated Angle Value with 20mm(1/2") dia. P.V.C. Faucet Socket.	nr	2		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
J11	Stainless steel floor trap cover. Approxi. 150x150mm size, (European or Equivalent Quality)	nr	1		
	<u>Water Suply System</u>				
	All Type 1000 (uPVC) pipes used in the plumbing installation must conform in every respect to the requirements of the SLS 147 of 1993 or BS 4514.	*Note*			
	All uPVC fittings and specials should be Type 1000, unless otherwise specified, with joints of approved quality and conforming to Sri Lankan Standards used in the plumbing installation.	*Note*			
	Unless otherwise measured separately, rates shall include for: *(a) Supply, transport to site and laying as specified.* *(b) Cutting and joining of pipes and wastage of pipes.* *(c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar necessary pipe fittings. (Valves may be measured seperately)* *(d) Necessary jointing materials i.e rubber rings, solvent cement etc, specified fillings for pipe beddings etc.* *(e) All costs associated with provision of all holes (cutting or forming), mortises, openings, Chasing of brick, cement block or concrete walls, columns, beams etc. and necessary hangers and clips, for fixing to soffits, wall surfaces etc. and making good all works disturbed.* *(f) Necessary screws, nails, sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, s-traps.* *(g) Connecting different types of pipes.* *(h) Testing, commissioning and disinfection after completion.* *(i) Excavation, backfilling, disposal of surplus soil.*	*Note*			
J12	Supply and laying 32mm dia PvC pipe line in Plain Ended Type in PNT11 rate including socket,solvent cement and etc.	m	5		
J13	Supply and laying 25mm dia PvC pipe line in Plain Ended Type in PNT11 rate including socket,solvent cement and etc.	m	5		
J14	Supply and laying 20mm dia PvC pipe line in Plain Ended Type in PNT14 rate including socket,solvent cement and etc.	m	20		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	Waste Water and Sewerage Disposal System				
	All Type 600 unplasticized polyvinyl chloride (uPVC) pipes used in the plumbing installation must conform in every respect to the requirements of the SLS 147 of 1993 or BS 4514.	*Note*			
	Unless otherwise measured separately, Rates shall include for:	*Note*			
	(a) Laying of pipes to falls.				
	(b) Excavation, backfilling, disposal of surplus soil.				
	(c) All pipe specials such as bends, junctions, elbows, tees, end caps etc. unless separately given in the BOQ.				
	(d) Necessary jointing materials i.e rubber rings, solvent cement etc, specified fillings for pipe beddings etc.				
	(e) All costs associated with provision of all holes (cutting or forming), mortises, openings, Chasing of brick, cement block or concrete walls, columns, beams etc. and necessary hangers and clips, for fixing to soffits etc. and making good all works disturbed.				
	(g) Connecting different types of pipes.				
	(h) Connection to sides of manholes etc.				
	(i) Providing sleeves etc., when pipes pass through walls, foundations etc.				
	(j) Testing and commissioning of the installation.				
	(k) Protecting the works, all necessary hoardings, barricades.				
J15	Supply and laying 110mm dia PvC pipe line in Plain Ended Type in PNT11 rate including socket ,solvent cement and etc.	m	15		
J16	Supply and laying 50mm dia PvC pipe line in Plain Ended Type in PNT11 rate including socket,solvent cement and etc.	m	15		
J17	Allow for supply and fixing valves, cleaning eye,elbow,Tees, Bends and unforseen Work	P.S			25,000.00
	Sub Total carried to Summary				

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
K	**CEILING WORK**				
K1	Supplying & Installing I Pannel ceiling with aluminium framed grid system suspended with GI rod & adjustable clips. All work done as per Engineer's Instruction	m²	12		
	Sub Total carried to Summary				
L	**MISCELLANEOUS WORKS**				
L1	Supply and installation of surface mounted type 12W LED panel lamp fitting in to working order. (Shall have minimum two year warranty period).	nr	1		
L2	Recessed type / surface mounted type / ceiling mounted type lamp point wiring (including lamp switch) to be carried out with 2 x 1.0 mm2 PVC insulated PVC sheathed copper cables wired in concealed conduit in wall and above ceiling, to be supplied and installed in working order.	nr	1		
L3	Waterproofing in bathrooms, water tanks etc. with a waterproofing agent approved by the Engineer, (Barralastic or equivalent) apply two coats after a well-cleared surface.	m^2	30		
L4	Allow for Repairing damaged walls, removing & relaying interlocks, refixing removed window & other unforeseen works.	P.S			75,000.00
	Sub Total carried to Summary				