

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
MINISTRY OF HEALTH & MASS MEDIA
CONSTRUCTION OF UPPER FLOOR OF LAUNDRY BUILDING
FOR GYMNASIUM
GENARAL HOSPITAL (TEACHING) - PERADENIYA
BIDDING DOCUMENT

CONTRACT NO: THP/AD/39/2025

Volume I (For the Use as the “original” document to submit)

Invitation for Bids

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Volume II (For the Use as the “Duplicate Copy” to submit)

Section 04	-	Form of Bid and Qualification Information
Section 07	-	Bill of Quantities

Contractor

CONSULTANT

CENTRAL ENGINEERING CONSULTANCY BUREAU
415, BAUDDHALOKA 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

INVITATION FOR BIDS (IFB)

1. The Chairman, Regional Procurement committee, Teaching Hospital Peradeniya on behalf of the Teaching Hospital, Peradeniya now invites sealed bids for **Construction of Upper Floor of Laundry Building for Gymnasium for General Hospital (Teaching), Peradeniya** as described below and estimated to cost~ 19.93 million (Basic cost)
2. Work consists of Demolisher, Concreter, Masonry Works, Wall Finishes, Floor Finishes, Painter, Aluminum Works, Plumber, Roof Works, Electrical Works & Miscellaneous Works etc. (refer BOQ)

Construction period is **90** days (Calendar dates)

3. Bidding will be conducted through National Competitive Bidding Procedure.
4. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the following requirements.

4(a) Contractors having valid registration in Grade **C7 or above** in the field of Building works under Construction Industry Development Authority (CIDA)/ Former ICTAD.

4(b) Average annual volume of Construction works performed in the last five years shall be at least Rs.20 million.

4(c) Contractor has successfully completed at least a similar project to this by value and complexity during last five years (At least 70% of project should have been completed).

4(d) Technical staff at site to be

- At least one Technical Assistant (Civil, full time on site) – NCT or equivalent with 3-year experience.
- Civil Engineer (Periodical visits) – Qualification; (Degree in BSc Engineering, Minimum with three years' experience)

4(e) The minimum amount of liquid assets or available credit facilities for utilizing at the time of bidding exclusive of any advance payments shall be not less than Rs. 10 million. as per clause 4.4 in bidding data.

4(f) As the estimate cost for the procurement exceeds the Rs.5 million the bidder shall register at the registrar of Public Contract Sri Lanka at the time of submission of bids (PCA 3) and forward the certificate.

5. Interested bidders may obtain further information from **Director, General Hospital (Teaching), Peradeniya for Construction of Upper Floor of Laundry Building for Gymnasium**, Tel. No. 081 - 3990312 and inspect the bidding documents at the address given below from 2025.10.17 until 2025.10.30 from 09.00 hrs to 14.00 hrs
6. A Complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to **Director, General Hospital (Teaching), Peradeniya for Construction of Upper Floor of Laundry Building for Gymnasium** from 2025.10.17 until 2025.10.30 from 09.00 hrs to 14.00 hrs or download the bidding document from below web site upon payment of a non-refundable fee of Rs. 3,500.00.

web site – www.peradeniya-hospital.health.gov.lk

7. Sealed bids shall be delivered in duplicate marking as the **Original** and the **Copy** to the **address below**, on or before 10.30 hrs. on 2025.10.31. Late bids will be rejected. Bids will be opened soon after closing in the presence of the Bidders or Bidder's representatives who choose to attend.
8. Bid validity shall be 77 days from the date for closing of Bids.
9. All bids shall be accompanied by a "Bid security" of **Rupees two hundred ninety-eight thousand nine hundred only (Rs. 298,900.00)**. Validity of Bid security shall be up to 2026.02.12 from the date of closing of the bid (including closing date of bid).

Securities and guarantees issued by an agency acceptable to employer using the forms for bid security (unconditional guarantee) included in section 09, Standard forms.

- **Commercial Bank operating in Sri Lanka approved by the Central Bank of Sri Lanka.**
- **Construction Guarantee Fund.**

The address 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 Upper Floor of Laundry Building for Gymnasium**

To: Director,
General Hospital (Teaching),
Peradeniya.

Gentleman,

1. Having examined the Standard Bidding Document - Procurement of Works (ICTAD/SBD/01-Second edition, January 2007 and Addendum 01 issued in October 2009 & Addendum 02 issued in February 2011) , Schedule for Conditions of Contract, Specifications, Drawings and Bill of Quantities 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, Specifications, Drawings, Bill of Quantities and Addenda for the sum of Sri Lankan Rupees (LKR Rs.) or such other sums as may be ascertained in accordance with the said Conditions.
2. We acknowledge that the Contract Data forms part of our Bid.
3. We undertake, if our Bid is accepted, to commence the Works as stipulated in the Contract Data, and to complete the whole of the Works comprised in the Contract within the time stated in the Contract Data.
4. We agree to abide by this Bid for the period of 77 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 of any Bid you may receive.

Dated this..... Day of 202.. in the capacity of..... Duly
authorized to sign bids for and on behalf of

(IN BLOCK CAPITAL)

Signature :
Address :
.....
.....
Witness :
.....

QUALIFICATION INFORMATION

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

ICTAD Registration	<i>(Attach copies of relevant pages from the registration book)</i>
Registration number	
Grade (C7 or above)	
Specialty – (Building)	
Expiry Date	
Blacklisted Contractors	
Have you been declared as a defaulted contractor by NPA or any other agency? (Yes/No)	
If yes provide details	
VAT Registration Number	
Legal status	<i>(Attach relevant status copies of sole propertier, partnership/ company, as annex)</i>
Construction Program	<i>(Attach as annex)</i>
Average annual volume of construction work performed in the last five years shall be at least 20 million Year 2020 Year 2021 Year 2022 Year 2023 Year 2024	<i>(Attach certified copies of certificate of completion, etc and other documents such as profit loss and income expenditure Statement)</i>
Value of similar works completed in last 5 years (Indicate only three largest projects)	1. Value Rs..... Year 2. Value Rs..... Year 3. Value Rs..... Year <i>(Attach certified copies of Letter of award & certificate of completion)</i>
Qualification and experience of key staff - Site & Head Office (Permanent, Contract Basis & Consultants)	<i>(Attach certified copies of certificates)</i> Managerial / Technical: 1. Technical Assistant- Civil (Full time at site)- NVQ 5 or equivalent with minimum five years experience 2. Civil Engineer (Periodical visits) – Qualification; (Degree in BSc Engineering, Minimum with three years’ experience)
As the estimate cost for the procurement exceeds the Rs.5 Million the bidder shall register at the registrar of Public Contract Sri Lanka at the time of submission of bids (PCA 3) and forward the certificate	

Section - 7

BILL OF QUANTITIES

**CONSTRUCTION OF UPPER FLOOR OF LAUNDRY BUILDING FOR GYMNASIUM
GENERAL HOSPITAL (TEACHING) - PERADENIYA**

MAIN SUMMARY

ITEM	DESCRIPTION	AMOUNT	
		Rs.	Cts.
A	PRELIMINARIES		
B	DEMOLISHER		
C	CONCRETER		
D	MASONRY WORKS		
E	WALL FINISHES		
F	FLOOR FINISHES		
G	PAINTER		
H	ALUMINIUM WORK		
I	PLUMBER		
J	ROOF WORK		
K	ELECTRICAL WORKS		
L	MISCELLANEOUS WORKS		
(a)	Sub Total I		
(b)	Ddt: Provisional Sum		1,754,500.00
(c)	Sub Total II		
(d)	Ddt :% Discount		
(e)	Sub Total III		
(f)	Add: Provisional Sum		1,754,500.00
(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 UPPER FLOOR OF LAUNDRY BUILDING FOR GYMNASIUM
GENERAL HOSPITAL (TEACHING) - PERADENIYA

PRELIMINARIES

Note:

- 1 **The Engineer/ Consultant may modify or amended any item , or delete inappropriate item/s or add new item/s , depending on the nature of the proposed work.**
- 2 **Mode of payment are as below.**

Mode of Payment	Category
Reimburement of actual cost on submission of the relevant document acceptable to the Engineer plus 5% of the actual cost of obtaining the insurance policies and securities.	A
60% on completion of temporary buildings or structures. 30% in equal installments over the contract period and balance 10% on dismantling and removal on completion.	C
Paid on satisfactory completion of the item	D
In equal installments over the contract period.	E
Mode of payment to be mutually agreed between contractor and the employer at the commencement of contract in relation to the program of work.	F
On the completion of work	G

- 3 **The above recommended percentage may be adjusted by the Employer/Consultant to suit the particular project.**
- 4 **The tenderer is advised to visit the site of the proposed work, as it is his responsibility to ascertain the conditions, space governing access to the site, external working space, storage area, status of the adjoining properties etc.**
- 5 **Any preliminary item not listed below but deemed to be included in the tender rates, as no extras would be made.**

Item	Description	Mode of payment Category	Unit	Amount Rs. Cts.
A	<u>PRELIMINARIES</u>			
	Insurance & Securities			
A1	Provisional Sum for providing a Performance Security	A	P.S	31,000.00
A2	Provisional Sum for providing an Advance Payment Security	A	P.S	62,000.00
A3	Provisional Sum for insurance of Works, Machinery & Equipment, Plant, Materials, third party persons & property at site as per the Contract. (All Risk Policy)	A	P.S	41,000.00

Item	Description	Mode of payment Category	Unit	Amount Rs. Cts.
A4	Provisional Sum for insurance against accidents and injury to Contractor's personel as per the Contract. (Workmen Compensation)	A	P.S	20,500.00
A5	Contractor's Facilities Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, a <u>temporary site office</u> , stores of adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the Contractor and concurred by the Engineer.	C	Item	
A6	Quality, Standars and Progress Allow lump sum for provision of 3 sets of (Hard copies and soft copies) as built drawings of all services, for Engineer's approval.	D	Item	
A7	Health, Safety & Environment Allow lump sum for providing necessary safety measures to workmen and to Engineering staff at site confirming to the latest industrial (Safety helmets, Safety Jackets, Gum boots, Eye Goggles)	E	Item	
A8	Allow lump sum for maintaining the site in a clean and orderly manner at all times and during the entire contract period, demobilization, removal of all rubbish, debris and clearing up site on completion, leaving all in good order and handing over.	G	Item	
A9	Services & Facilities Allow lump sum for supply of water for the works and paying all charges and other expenses in connection with the supply from water mains or any other alternative method of water supply, storage and reticulation.	E	Item	
	Sub Total carried to Summary			

CONSTRUCTION OF UPPER FLOOR OF LAUNDRY BUILDING FOR GYMNASIUM
GENERAL HOSPITAL (TEACHING) - PERADENIYA

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	<i>Note:-</i> <i>(a) Rates are included for cleaning away debris within the Hospital Premises unless stated otherwise. Reusable/serviceable material shall be handed over to the client in formal way and any place of fixing and removing scaffolding.</i> <i>(b) All preliminary cost work should be included within BOQ items.</i> <u>B DEMOLISHER</u>				
B1	Removing & clearing debris away Corrugated sheets, iron, asbestos or aluminium alloy from roofs, including framework inclusive of wiring and fixtures, gutters, valance boards etc.. in single-storied buildings.	m ²	275		
B2	Demolishing reinforced concrete columns, beams or slabs up to the first floor and debris cleared away.	m ³	5		
B3	Clearing away debris from hospital premises using tractor/trailer or tipper.	load	20		
	Sub Total carried to Summary				
<u>C</u>	<u>CONCRETER</u>				
	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)
	<u>Formwork</u> <i>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.</i> <i>Formwork is measured as the net contact surface measurement between formwork and concrete.</i> <i>Film coated Plywood or other equivalent quality approved type of shuttering should be used. Mould oil should be applied to formwork surfaces before using.</i> <i>Rate for form work shall include for all necessary measures to provide fair face finish.</i> <u>Reinforcement</u> <i>All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm² for High Yield steel and 250 N/mm² for mild steel.</i> <i>All reinforcement shall be free from mill scale, dirt, oil, paint, grease or loose rust before fixing in position and shall be brushed with a stiff wire brush as directed.</i> <i>All cement type to be Ordinary Portland Cement (OPC)</i> <i>Rate for reinforcement shall include for supplying, cleaning, cutting, bending, fabricating, binding, placing in position, binding wires, ties, supporting bars, spaces, chairs, wastage etc.</i>	Note Note Note Note Note Note Note			
C1	Mixing and placing concrete grade 25 in position, nominal mix 1 : 1 1/2 : 3 (20mm) using a concrete mixer including fuel/operator/handling/vibrator & curing.	m ³	10		
C2	Mixing and placing concrete grade 20 in position, nominal mix 1:2:4 (20mm) manually including compacting and curing.	m ³	1		
C3	Lintols size 6" x 6", in Grade 25 concrete, reinforced 2T10 Bottom + 2T8 Top tor steel bars and 6mm mild steel stirrups @ 6" c/c including necessary formwork.	m	70		
C4	<u>FORMWORK</u> Sawn timber formwork in class III timber for concrete work with side support or props, at ground level plinth beams, lintels etc. including fixing and dismantling	m ²	100		

[illegible]

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
F	<u>FLOOR FINISHES</u> <i>Rate shall include to,</i> <i>(a) All extra work involved to patterned work.</i> <i>(b) Fair edges, internal angles for Treads and risers</i> <i>(c) Ends angles, ramped and wreathed covers for strings and aprons.</i> <i>(d) Fair edges, rounded edges, covered junctions, angles, and the like for skirting curbs and edges or floors</i> <i>(e) Plastic corner beadings</i> <i>(f) Supplying and Fixing of materials</i> <u>Floor Tiling</u> <i>At the beginning Contractor shall lay floor and wall tiles section by sections for Engineers inspection and checking neatness, quality and for approval to continue tiling. Rate shall include for such costs.</i> <i>cut pieces of tiles smaller than half of a tile shall not be used.</i> <i>Floor tiles shall be homogeneous, locally manufactured, Porcelain type and approved colour by the Engineer.</i> <i>Water absorption of floor tiles should be less than 0.5% and Modulus of rupture to be over 27N/mm².</i>				
F1	Supplying and fixing locally manufactured 600mm x 600mm locally manufactured Homogeneous Vitreous Porcelain semi glazed/matt floor tiles to floors including 20mm thick 1:3 cement sand bedding and finished with tile grout to match the tile.	m ²	180		
F2	100mm high tile skirting approved pattern and colour floor tiles (homogeneous / porcelain) on 1:3 tile mortar, joints filled with tile grout to match the colour of tiles and cleaning.	m	110		
Sub Total carried to Summary					
G	<u>PAINTER</u> <i>Rates shall include for,</i> <i>The prices shall include for preparation of surface, cleaning down, use of wall fillers and primary paint coats to obtain neat surface., sand papering etc.</i> <i>Protection of floors and fittings, removing door and window furniture, and cleaning window etc. upon completion.</i> <i>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.</i> <i>All weathershield/ floor paints, primer shall be of approved make with non lead pigment.</i> <i>Rate to include for the cost for the scaffoldings.</i>				

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
G1	Prepare and applying two coats of filler using brush or roller to walls.	m ²	580		
G2	Paint emulsion, applying two coats to walls after cleaning and preparing surface .	m ²	400		
G3	Paint exterior emulsion, applying two coats to walls after cleaning and preparing on surfaces .	m ²	180		
	Sub Total carried to Summary				
H	<u>ALUMINIUM WORK</u>				
	<i>Aluminium extrusion should be manufactured under the certification of ISO 9001:2008</i>	<i>Note</i>			
	<i>The work shall include supply, fabricate and installation of doors, windows out of Aluminium Sections.</i>	<i>Note</i>			
	<i>Tolerance for thickness of the section is $\pm 10\%$ from the specific thickness given in the manufactures made.</i>	<i>Note</i>			
	<i>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.</i>	<i>Note</i>			
	<i>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.</i>	<i>Note</i>			
	<i>Samples of hinges , Aluminium sections, Al composite boards etc shall be forwarded by the contractor for prior approval of the Engineer.</i>	<i>Note</i>			
	<i>The fabrication and installation of all aluminium work must be carried out by specialist tradesman.</i>	<i>Note</i>			
	<i>It shall be bidder's responsibility to check the sizes of all openings on site, prior to fabrication.</i>	<i>Note</i>			
	<i>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.</i>	<i>Note</i>			
	<i>Rate shall include for testing for Hardness, profile thickness, coating thickness of Aluminium extrusions</i>	<i>Note</i>			
	<i>Details of Aluminium Sections and accessories to be used if not specified separately.</i>	<i>Note</i>			

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	for Sash Doors - Width of Top bar-80mm Width of Middle bar-100mm Width of Bottom bar-120mm Glass Windows - 5mm thick clear float glasses Gardian or equivalent Doors - 6mm thick clear float glasses Gardian or equivalent Panel - 4mm thick Aluminium composite board 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 Door handle - 25mm dia stainless steel door handle (300mm long) to be provided if not separately specified. One pair for a sash				
H1	Fabricating and fixing Powder-coated aluminium hinged type sash door with aluminium architectural sections with 60-80 micron coating glazed and panelled with 4mm cladding board including door lock, etc. All as per detail drawing.	m ²	5		
H2	Supply & Fixing of 300mm, 25mm dia lightly bent type stainless steel (304) door handle.	pair	2		
H3	Powder Coated double sash butt hinged openable door with middle rail ,panelling with 4mm cladding board, and glazed with 5mm thic clear glass panesat top panel, neoprene and wooled beading, gaskets, pop rivots, threaded bar with nut and approved quality lock, butt hinges, s/s door handle with cap nut.	m ²	3		
H4	Fabricating and fixing Powder-coated aluminium hinged type sash Bathroom door with aluminium architectural sections with 60-80 micron coating glazzed/panelled with 3mm cladding board at bottom and top. Including door lock with handle etc. All as per detail drawing.	m ²	4		
H5	Fabricating and fixing Powder-coated aluminium glazed window with openable sash with aluminium architectural sections with 60 - 80 micron coating with 4.6 mm thick glass including all necessary rubber beading, rawl plug etc. All as per detail drawing.	m ²	25		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
H6	Fabricating and fixing Powder-coated aluminium louvre panels, fixed to aluminium windows or doors with aluminium architectural sections with 10 - 15 micron coating including all necessary fittings, etc. (Aluminium window or door measured separately). All as per detail drawing.	m ²	15		
H7	Fabricating and fixing Zn/Al diamond shaped mesh (deco mesh) to powder-coated Aluminium 1 1/2" x 1 1/2" box bar frame for window opening, using powder-coated Aluminum Channel (5153M) and complete. All as per detailed drawing.	m ²	25		
H8	Fabricating and fixing Powder-coated aluminium glazed fanlight with openable sash with aluminium architectural sections with 10 - 15 micron coating glazed 4.6 mm thick glass including all necessary rubber beading, rawl plug etc.	m ²	1		
H9	Supply and fixing door closer.(heavy)	nr	2		
H10	Supplying of imported, heavy duty self cloing floor hinge of approved quality ('VVP' or equivqlent with One year gurantee) and fixing to the aluminium doors including all connecting works like chipping and removing of floor finish/floor concrete and making good after completion. (gurantee card should be provided piror to installation). Rate to include top bracket and filling grease.	nr	2		
	Sub Total carried to Summary				
I	<u>PLUMBER</u> <u>Sanitary Fittings & Fixtures</u> <i>Supply and installation of approved quality sanitary appliances with pipe specials, fittings, and special connecting to water supply, sewage and wastewater disposal pipes.</i> <i>Unless otherwise measured separately, Rates shall include for:</i> <i>(a) Fittings such as taps, wastewater outlets, internal overflows etc. and supporting brackets, incidental materials for fixing.</i> <i>(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.</i> <i>(c) all necessary fixtures for sanitary fittings and special connection to water supply, wastewater and sewer lines</i> <i>(d) Jointing and connection pipes to sanitary fittings.</i> <i>(e) Testing and commissioning of the installation.</i> <i>(f) Making good the work disturbed.</i>	<i>Note</i> <i>Note</i> <i>Note</i> <i>Note</i> <i>Note</i> <i>Note</i>			

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	<i>(g) Protecting the works</i>	<i>Note</i>			
	<i>(h) All Samples should be approved by the Engineer</i>	<i>Note</i>			
I1	Supplying & fixing mirror for bathroom 450mm x 600mm size approved quality with screws, plugs etc.	nr	4		
I2	Supplying & fixing Wash basin with pedestal Vitreous China 575 X 450 X 820mm (Rocell urban D or equivalent) and Chromium Plated Sawn neck Type Pillar Tap (Rocell N091214 or equivalent) complete with Waste Plug (Rocell A38, A43 or equivalent), flexible horse, chromium plated waste chain & stay	nr	2		
I3	Supply and installation of stainless steel wired Soap dish . Rate shall include all fixtures.	nr	4		
I4	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	2		
I5	Supplying & fixing Bowl type approved urinal with trap and urinal flush valve complete to working order.	nr	1		
I6	Supplying & fixing 20mm(1/2") dia. bidet spray approved best quality. (chromium plated)	nr	2		
I7	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	2		
I8	Supplying & fixing 20mm(1/2") pipe dia.,150mm approved chromium plated shower rose.	nr	2		
I9	Supplying & fixing approved stainless steel Towel rail with screws, plugs etc.	nr	4		
I10	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	8		
I11	Supply and fix 20mm dia Chromium plated Brass Conceal Valve.	nr	2		
I12	Supplying and fixing 150mm x 150mm gully including concreting and supplying necessary grating.	nr	2		
I13	Stainless steel floor trap cover. Approx. 150x150mm size, (European or Equivalent Quality)	nr	2		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	<u>Water Supply System</u> <i>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.</i> <i>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.</i> Unless otherwise measured separately, rates shall include for: <i>(a) Supply, transport to site and laying as specified.</i> <i>(b) Cutting and joining of pipes and wastage of pipes.</i> <i>(c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar necessary pipe fittings. (Valves may be measured separately)</i> <i>(d) Necessary jointing materials i.e rubber rings, solvent cement etc, specified fillings for pipe beddings etc.</i> <i>(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.</i> <i>(f) Necessary screws, nails, sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, s-traps.</i> <i>(g) Connecting different types of pipes.</i> <i>(h) Testing, commissioning and disinfection after completion.</i> <i>(i) Excavation, backfilling, disposal of surplus soil.</i>	<i>Note</i> <i>Note</i> <i>Note</i>			
I14	Supplying and laying Pipes PVC with specials, size 20mm dia. type 1000 (PNT 14) on wall	m	50		
I15	Supplying and laying Pipes PVC with specials, size 50mm dia. in wastes of sinks. Type 600.(PNT 7)	m	30		
	<u>Waste Water and Sewerage Disposal System</u> <i>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.</i> Unless otherwise measured separately, Rates shall include for: <i>(a) Laying of pipes to falls.</i> <i>(b) Excavation, backfilling, disposal of surplus soil.</i> <i>(c) All pipe specials such as bends, junctions, elbows, tees, end caps etc. unless separately given in the BOQ.</i>	<i>Note</i> <i>Note</i>			

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	(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. (f) Necessary screws, nails, sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps. (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.				
I16	Supplying and laying of pvc 110mm diameter (type 400) on trenches including excavation.	m	75		
I17	Supplying and fixing elbow pvc 110mm.	nr	15		
I18	Allow for Supplying and Fixing vanity type wash basin supplied with 20mm(1/2") dia. Chromium-plated Pillar tap Rocel Vero orequivalent, waste plug, chain and stay, supply and fixing liquid soap dispensers, valves, cleaning Eye, Elbow, Tees, Bends and unforeseen Work.	P.S			350,000.00
Sub Total carried to Summary					
J	<u>ROOF WORK</u>				
	<i>Rate include for scaffolding.</i>				
J1	Supplying, fabricating and fixing in position GI box bar roof truss/rafter sections , including cutting, welding, grinding, drilling, hoisting, aligning, and fixing complete as per drawings and Engineer's instructions. Members to be as follows: top chord – 100×50×2 mm, bottom chord – 100×50×2 mm, web members – 50×50×1.6 mm, overall truss depth 500 mm. Work includes shop fabrication, surface preparation, two coate of Zn/ Phospate paint and two coats of approved enamel/anticorrosive paint, all connections, welding rods, scaffolding, hoisting, handling and all incidental work complete.	m	90		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
J2	Supply and fixing of 4" x 2" GI box bars as roof purlins, including cutting, welding, grinding, drilling, hoisting, aligning, and fixing complete as per drawings and Engineer's instructions, and erection on the roof structure with welding, ensuring proper alignment, level, and spacing, with surface preparation, two coats of Zn/Phosphate paint and two coats of approved enamel/anticorrosive paint, all connections, welding rods, scaffolding, lifting, handling and all incidental work complete.	m	310		
J3	Supplying & fixing 40mm thick of PU Zinc Aluminium roofing sandwich panel approved by engineer laid on existing purlins with joints to be properly connected with an adequate side lap to ensure water tightness along the entire length and complete to working order as per manufacture's specifications.(Thk. 0.47mm , AZ 150)	m	285		
J4	Supplying & fixing colour Zn /Al. ridge cap/ bottom ridge cap (The nominal base metal thickness (BMT) should be 0.42 mm and total coated thickness (TCT) not less than 0.47 mm) with self-drilling screws (Fasteners) minimum girth 470mm. The coating mass of the Zn/Al sheet is AZ150 (Minimum 150 gms/sq.m total on both sides).	m	75		
J5	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	75		
J6	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) 457mm 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	75		
J7	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	30		
J8	Supplying and laying 25mm x 25mm gauge 17 welded wire mesh as directed.	m ²	50		
J9	Allow for base plates, thread bars and other unforeseen works.	P.S			200,000.00
Sub Total carried to Summary					

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
K	<u>ELECTRICAL WORKS</u>				
I	Rates in Bill of Quantities shall include all necessary materials (Cables, conduits, PVC sunk box, bulbs, switches etc.) and labour required to complete the electrical installation to good working order.				
II	Except where specifically stated, all costs associated with provision of all holes, openings, chases, ducts and other builders' work required for installation and make them good, shall be included in the rates.				
III	Where reference is made to certain manufactures' products and items identified by registered trade marks, has been done for the sole purpose of defining and establishing standards of quality and performance and not with the intention of restricting the procurement of material or fitting to a particular manufacturer. However all equipment and material should meet the BS or an equivalent standard.				
IV	Testing and commissioning of the electrical installation is to be carried out by the contractor and inspection report submitted according to the requirements of the power supply Authority.				
V	Electrical Items (MCB,RCCB etc.) should be of European/Japanese origin or to the BS or equivalent and items without an accredited agent in Sri Lanka shall not be accepted. Guarantee cards(Fans etc.) should be provided from accredited agent before installation.				
VI	All the quantities given here are approximated values and Quantities may change with the actual installation at the site.				
VII	All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.				
VIII	All panel boards and consumer units should have wire numbering and a laminated circuit diagram should be pasted on the inside surface of the door.				
	<u>Electrical Distribution System</u>				
K1	Associated work for the getting Electricity connection from existing Panel board.(Using 30A,3Phase Electricity Connection)	P.S			50,000.00

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
K2	<u>Three Phase Consumer Unit (TCU-GYM)</u> Supply and installation of switch gear cubicle made out of (1.2mm thickness) sheet steel (IP54) stove enameled or powder coated for the finish with one coat of primer,surface type steel enclosure to the approval of the engineer with following equipment. 01 Nos. 40A, 4P Isolator 03 Nos. 32A, 2P MCB,6kA 02 Nos. 16A, 4P MCB,6kA 03 Nos. 40A 2P RCCB, 30mA sensitivity 02 Nos. 40A 4P RCCB, 30mA sensitivity 15 Nos. 6-20A, 1P MCB,6kA Supply and installation of Class II Surge diveter with 40 kA max. maximum discharge current, 20 kA nominal discharge current(8/20), respond time <= 25ns, Uc >= 280V and prtction level <= 1.3kV (including 40kA HRC fuses) 01 No Earth Bar All internal connections. Equipment to be to the BS/IEC	nr	1		
K3	<u>PVC Trunking</u> Supplying and installation of 50 × 25mm PVC Trunking as necessary. <u>Cables</u> Supply and installation (with all materials required including conduits/casinginclude, use proper termination accessories Cable glands, lug, SS nut and bolt sets and termination) of following cables.	m	20		
K4	6mm ² Cu/PVC/PVC 1C×4 cable from Existing panel to TCU-GYM	m	20		
K5	6mm ² Green & Yellow Earth cable from Main earth electrode to TCU-GYM	m	20		
	<u>Light Fittings</u> Note :- Warranty of all complete LED light fitting must be minimum two years.				
K6	Supply and installation of Medium bay light fitting with 45W LED, minimum flux 4800 lumens with accessories.	nr	10		
K7	Supply and installation of Pendant type light fitting with 12W LED, minimum flux 780 lumens with accessories.	nr	4		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
K8	Supply and installation of outdoor type wall mounted light fitting (IP65) with 9W LED, minimum flux 700 lumens with accessories. <u>Light Point Wiring</u>	nr	2		
K9	Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm ² copper cable drawn through securely fixed concealed PVC conduit with 2.5 mm ² earth cable. <u>Socket Outlets</u> <u>13A Socket outlets</u>	nr	16		
K10	Supply & installation of 13A shuttered switched single socket outlet to comply with BS . <u>Wiring of 13A Socket outlets (radial circuit)</u>	nr	14		
K11	Wiring (including supply of all material required) of 13A socket outlets using approved type 2.5mm ² Cu/PVC/PVC, 2C cable & 2.5mm ² earth cable drawn through securely fixed concealed PVC conduit/casing. <u>Fans</u> <u>Ceiling Fans</u>	nr	14		
K12	Supply & installation of 1400mm (56") , 75W, min. 7900 CFM with Metal blade sweep ceiling fan , complete with regulator, fan hook, extension rod & attachment. <u>Ceiling Fan point wiring</u>	nr	6		
K13	Wiring (including supply of all material, earth wire & switch) of the above ceiling fans using approved type 1 mm ² , Cu/PVC/PVC cable & 2.5 mm ² earth wire drawn through securely fixed concealed PVC conduits. <u>Wall fans</u>	nr	6		
K14	Supply & installation of wall fan, 400mm (16") , 52W, min. 2200 CFM with Metal blade,speed regulator & accessories. <u>Wall Fan point wiring</u>	nr	2		
K15	Supplying, wiring and installation 2.5mm ² 2C Cu/PVC/PVC cable and 2.5mm ² Cu/PVC earth conductor and 13 Amp single switch socket outlet with all accessories (including switch socket outlet). <u>Exhaust Fans</u>	nr	2		
K16	Supply & installation of exhaust fan (Wall Mount Type Ventilating Fans, Automatic Shutter Louver Series), 300mm (12") , 31W,min. 700 CFM, max. 40 dB(A) with PVC blade & accessories. (including civil works)	nr	2		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
K17	<u>Wiring of Exhaust Fans</u> Supplying, wiring and installation 2.5mm ² 2C Cu/PVC/PVC cable and 2.5mm ² Cu/PVC earth conductor and 13 Amp single switch socket outlet with all accessories (including switch socket outlet).	nr	2		
K18	<u>Three Phase AC Unit Wiring</u> Wiring for AC units shall be terminated with a 20A 4P Isolator installed near the outdoor AC unit. Wiring up to the 20A 4P Isolator to control the AC unit shall be with 2.5mm ² , 1C×4 Cu/PVC/PVC cable and 2.5mm ² Cu PVC earth wire, drawn through concealed PVC conduits, from the respective Consumer	nr	2		
K19	<u>Main Earthing System</u> Supply and Installation of an earth electrode of minimum 16mm dia. copper bonded steel rod of length 1.2m or more with a clamp connection to earth conductor. Earth resistance shall be less than 10 Ohms tested on a dry day. An earth pit of size 300mm x 300mm x 200mm is to be prepared and covered by concrete plate to protect the earth electrode.	Item			
K20	<u>Inspection and Testing - Electrical installation</u> Testing the installation and rectify any defects and submit a certificate by a Chartered Electrical Engineer.				
K21	<u>Drawings</u> Provide three sets of 'As Built Drawings' (A3 size) to cover electrical distribution system binded as books.				
Sub Total carried to Summary					
L	<u>MISCELLANEOUS WORKS</u>				
L1	Supplying & fixing of Guage 100 Microns sand blasting sticker or tinted stickers including surface preparation as per working order.	m ²	15		
L2	Supplying & Laying approved colour Granite on surface. Rate include for waxing, cutting, transporting etc.	m ²	5		
L3	Supplying and laying of internal angle fillet (25mm x 25mm) at edges using nonshrinkage grout and fibre mesh (200mm width) after clearing at edges (preparing surface for waterproofing), as per the instructions of the Engineer.	m	25		
L4	Waterproofing in upper floor bathrooms, water tanks etc. with a waterproofing agent approved by the Engineer, (Barralastic or equivalent) apply two coats after a well cleared surface.(shall have minimum 10 year warranty period)	m ²	50		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
L5	Waterproofing with cementitious waterproofing agent approved by the Engineer, (Xypex or equivalent) apply two coats after well clearing and surface preparation.	m ²	55		
L6	Chemical Anchoring to existing columns by 4T16 for one column. (8 nr of Column)	nr	32		
L7	Supplying and fixing of 15mm thick rubber gym floor carpet. Shall be Non-porous, non-absorbent, Slip-resistant surface, Dust, spore, smell and allergy free for humans.	m ²	110		
L8	Supplying and fixing of 6.35mm thick frameless wall mirror with polished edge. Includes Mounting Clips and Screws. Made in USA or equivalent.	m ²	10		
L9	Allow for supplying, fabricating & fixing steel staircase with handrail as per engineer's instructions, supplying & fixing paririon, temporary coverings, laying safety nets, barricade tapes & other unforeseen works	P.S			1,000,000.00
	Sub Total carried to Summary				