DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MINISTRY OF HEALTH & MASS MEDIA RENOVATION WORK AT WARD 15 & 16 GENARAL HOSPITAL (TEACHING) - PERADENIYA BIDDING DOCUMENT

CONTRACT NO: THP/AD/35/2025

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

Invitation for Bids

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Section 09 - Standard Forms (Bid)

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

Section 04 - Form of Bid and Qualification Information

Section 07 - Bill of Quantities

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<u>CONSULTANT</u> <u>CLIENT</u>

CENTRAL ENGINEERING CONSULTANCY BUREAU 415, BAUDDDHALOKA MAWATHA,

COLOMBO 07.

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)

- The Chairman, Regional Procurement committee, Teaching Hospital Peradeniya on behalf of the Teaching Hospital, Peradeniya now invites sealed bids for Renovation Work at Ward 15 & 16 for General Hospital (Teaching), Peradeniya as described below and estimated to cost~ 14.38 million (Basic cost)
- 2. Work consists of Painting Works, Plumbing Works, Aluminum 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.15 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.
 - 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. 8 Million. as per clause 4.4 in bidding data.
 - 4f) 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 Renovation Work at Ward 15 & 16**, Tel. No. 081 3990312 and inspect the bidding documents at the address given below from 2025.08.22 until 2025.09.11 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 Renovation Work at Ward 15 & 16** from 2025.08.22 until 2025.09.11 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 2025.09.12. 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 sixteen thousand only (Rs. 216,000.00).** Validity of Bid security shall be 105 days 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: Renovation Work at Ward 15 & 16 To: Director, General Hospital (Teaching), Peradeniya. Gentleman. Having examined the Standard Bidding Document - Procurement of Works (ICTAD/SBD/01-Second 1. 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. Unless and until a formal Agreement is prepared and executed this Bid, together with your written 5. acceptance thereof, shall constitute a binding contract between us. We understand that you are not bound to accept the lowest of any Bid you may receive. 6. 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	(Attach copies of relevant pages from the registration book)
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	(Attach relevant status copies of sole propertier, partnership/company, as annex)
Construction Program	(Attach as annex)
Average annual volume of construction work performed in the last five years shall be at least 15 million Year 2020 Year 2021 Year 2022 Year 2023 Year 2024	(Attach certified copies of certificate of completion, etc and other documents such as profit loss and income expenditure Statement)
Value of similar works completed in last 5 years (Indicate only three largest projects)	1. Value Rs
Qualification and experience of key staff - Site & Head Office (Permanent, Contract Basis & Consultants)	(Attach certified copies of certificates) Managerial / Technical: 1. Technical Assistant- Civil (Full time at site)- NVQ 5 or equivalent with minimum five years experience
-	rocurement exceeds the Rs.5 Million the bidder shall ic Contract Sri Lanka at the time of submission of bids cate

Section - 7 BILL OF QUANTITIES

RENOVATION WORK AT WARD 15 & 16 GENERAL HOSPITAL (TEACHING) - PERADENIYA

MAIN SUMMARY

ITEM	DESCRIPTION	AMOUNT Rs. Cts.
A	PRELIMINARIES	
В	PAINTER	
C	PLUMBER	
D	ALUMINIUM WORKS	
E	ELECTRICALWORKS	
G	MISCELLANEOUS WORKS	
(a)	Sub Total I	
(b)	Ddt: Provisional Sum	1,368,000.00
(c)	Sub Total II	
(d)	Ddt:% Discount	
(e)	Sub Total III	
(f)	Add: Provisional Sum	1,368,000.00
(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:- BOQ 1 Date:-

RENOVATION WORK AT WARD 15 & 16 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
Reimburesement 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.	С
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 govering 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	28,000.00
A2	Provisional Sum for providing an Advance Payment Security	A	P.S	45,000.00
A3	Provisional Sum for insurance of Works, Machinery & Equipment, Plant, Materials, third party persons & property at site as per the Contract. (All Risk Policy)		P.S	30,000.00
A4	Provisional Sum for insurance against accidents and injury to Contractor's personel as per the Contract. (Workmen Compensation)		P.S	15,000.00

Item	Description	Mode of payment	Unit	Am Rs.	ount Cts.
Item	Description	Category	Oiiit	Ks.	Cis.
	Contractor's Facilities				
A5	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.		Item		
	Quality, Standars and Progress				
A6	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		
	Health, Safety & Environment				
A7	Allow lump sum for providing all necessary safety measures to workmen at site conforming to the latest industrial safety regulations and as directed by the Engineer.	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.		Item		
	Services & Facilities				
A9	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.		Item		
	Sub Total carried to Grand Summary	<u> </u>			

RENOVATION WORK AT WARD 15 & 16 GENERAL HOSPITAL (TEACHING) - PERADENIYA

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	PAINTER Note: (1) Painting rates included for all kind of surface preparations required such as washing, cleaning, with detergents, scraping of existing paints where necessary, repairing of small cracks & patches with plaster of Paris & whiting powder sand papering etc. irrespective of the surface preparation described under each item except for the following. (a) Complete remove of existing paint (100%) to exposed the original plaster. (b) Repairing of cracks with cement sand mortar (2) Rates for Varnish items includes all kind of surface preparations staining & sanding sealer etc. except complete (100%) removal of existing varnish to expose bare surface. (3) Scaffolding cost included in paint rates.				
B1	Cleaning fungi on surface using fungi removal & preparing surface for painting.	m ²	500		
B2	Paint filler, applying two coat to walls after cleaning and preparing surface of old works.	m ²	6200		
В3	Paint filler applying two coat to ceilings or soffit after cleaning and preparing surface of old works.	m ²	2500		
B4	Paint emulsion, applying two coats to walls after cleaning and preparing surface.	m ²	2000		
В5	Paint emulsion, applying two coats to soffit after cleaning and preparing surface.	m ²	1900		
	Painting of Hospital bed wih two coats of enamel paint including surface preparation.	nr	50		
	Painting of Patient trolley, Bed head tables wih two coats of enamel paint including surface preparation	nr	70		
В8	Paint exterior emulsion, applying two coats to walls after cleaning and preparing on surfaces .	m ²	4200		
	Paint exterior emulsion, applying two coats to ceilling or soffit after cleaning and preparing on surfaces .	m ²	600		
	Paint enamel, applying two coats after cleaning and preparing surface .	m ²	500		
B11	Polyurethane varnish, applying two coats after sand papering and cleaning surface .	m ²	150		
	Sub Total carried to Summary				

C PLUMBER Saufaty Fittings & Fixtures Surply and installation of approved quality sanitury appliances with pipe specials, fittings, and special connecting to water supply, sevenge and wostewater disposal pipes. Unless otherwise measured separately, Rates shall include for: (a) Fittings such as taps, westewater outlets, internal overflows etc. and supporting brackets, incidental materials for fixing. (b) Assembling, jointing together fixing components parts, and jointing to pipes including necessary coupling and for leaving perfectly dean and in perfect working rate as on completion. (c) all necessary fixtures for sanitary fittings and special connection to water supply, wostewater and sever lines (d) Jointing and connection pipes to sanitary fittings. (e) Testing and commissioning of the installation. (f) Making good the work disturbed. (g) Protecting the works (h) All Samples should be approved by the Engineer C1 Supplying & fixing mirror for bathroom 450mm x 600mm size approved quality with screws, plugs etc. C2 Supplying & fixing approved cistern plastic with 20mm(1/2") are approved quality with screws, plugs etc. C3 Supplying & fixing wash basin with pedestal Vitreous China 575 X 450 X 820mm (Rocell urban D or equivalent) and Chromium Plated flexible hose. (Rocel or equivalent) and Chromium Plated Sawn neck Type Pillar Tap (Rocell N991214 or equivalent), chromium plated waste chain & stay C4 Supplying and fixing 20mm(1/2") dia. approved plastic bib approved platenth, thromium plated swate chain & stay C5 Supplying & fixing 20mm(1/2") pipe dia.,150mm approved chromium plated shower rose. C6 Supplying & fixing approved stainless steel Towel rail with are 2 screws, plugs etc. C8 Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy quality chromiumplated Angle Value with 20mm(1/2") dia. P.V.C. Faucet Socket	ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
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C1 Supplying & fixing mirror for bathroom 450mm x 600mm size approved quality with screws, plugs etc. C2 Supplying & fixing approved cistern plastic with 20mm(1/2") nr 2 chromium-plated flexible hose. (Rocel or equivalent) C3 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), chromium plated waste chain & stay C4 Supply and installation of stainless steel wired Soap dish . nr 2 Rate shall include all fixtures. C5 Supplying and fixing 20mm(1/2") dia. approved plastic bib tap with 1 No.P.V.C Faucet Socket . C6 Supplying & fixing 20mm(1/2") pipe dia.,150mm approved chromium plated shower rose. C7 Supplying & fixing approved stainless steel Towel rail with screws, plugs etc. C8 Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy quality chromiumplated Angle Value with 20mm(1/2") dia.		(g) Protecting the works	Note			
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chromium-plated flexible hose. (Rocel or equivalent) C3 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), chromium plated waste chain & stay C4 Supply and installation of stainless steel wired Soap dish nr Rate shall include all fixtures. C5 Supplying and fixing 20mm(1/2") dia. approved plastic bib 1 nr 1 ap with 1 No.P.V.C Faucet Socket 1. C6 Supplying & fixing 20mm(1/2") pipe dia.,150mm approved 1 nr 1 chromium plated shower rose. C7 Supplying & fixing approved stainless steel Towel rail with 1 nr 2 screws, plugs etc. C8 Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy 1 quality chromiumplated Angle Value with 20mm(1/2") dia.	C1		nr	2		
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), chromium plated waste chain & stay C4 Supply and installation of stainless steel wired Soap dish . nr Rate shall include all fixtures. C5 Supplying and fixing 20mm(1/2") dia. approved plastic bib tap with 1 No.P.V.C Faucet Socket . C6 Supplying & fixing 20mm(1/2") pipe dia.,150mm approved chromium plated shower rose. C7 Supplying & fixing approved stainless steel Towel rail with screws, plugs etc. C8 Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy quality chromiumplated Angle Value with 20mm(1/2") dia.	C2		nr	2		
Rate shall include all fixtures. C5 Supplying and fixing 20mm(1/2") dia. approved plastic bib nr 3 tap with 1 No.P.V.C Faucet Socket. C6 Supplying & fixing 20mm(1/2") pipe dia.,150mm approved chromium plated shower rose. C7 Supplying & fixing approved stainless steel Towel rail with screws, plugs etc. C8 Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy quality chromiumplated Angle Value with 20mm(1/2") dia.	C3	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		3		
tap with 1 No.P.V.C Faucet Socket . C6 Supplying & fixing 20mm(1/2") pipe dia.,150mm approved nr chromium plated shower rose. C7 Supplying & fixing approved stainless steel Towel rail with screws, plugs etc. C8 Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy quality chromiumplated Angle Value with 20mm(1/2") dia.	C4	1	nr	2		
chromium plated shower rose. C7 Supplying & fixing approved stainless steel Towel rail with screws, plugs etc. C8 Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy quality chromiumplated Angle Value with 20mm(1/2") dia.	C5		nr	3		
screws, plugs etc. C8 Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy nr 3 quality chromiumplated Angle Value with 20mm(1/2") dia.	C6	1 • • • • • • • • • • • • • • • • • •	nr	8		
quality chromiumplated Angle Value with 20mm(1/2") dia.	C7		nr	2		
	C8	quality chromiumplated Angle Value with 20mm(1/2") dia.		3		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
C9	Stainless steel floor trap cover. Approxi. 150x150mm size, (European or Equivalent Quality)	nr	30		
C10	Supplying and fixing Floor to Wall Heavy Duty Grab Bar for disabled.	nr	15		
C11	Allow for removing sanitary fittitngs, removing & replacing closet, supply and fixing pipes, valves, cleaning eye,elbow,tees, bends, replacing commad covers , and unforseen Work				200,000.00
	Sub Total carried to Summary				
	ALUMINIUM WORKS				
	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 \pm 10% from the specific thickness given in the manufactures made.				
	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.				
D1	Fabricating and fixing Powder-coated aluminium hinged type sash Bathroom door with aluminium architectural sections with 60-80 micron coating glazed and panelled / fully panelled with 3mm cladding board at bottom and top. Including door lock with handle etc.		6		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
D2	Fabricating and fixing Powder-coated aluminium partition with aluminium architectural sections with 60 - 80 micron coating, glazed and panelled with 4 mm cladding board, at the bottom and 4.6mm thick glass at the top.		45		
D3	Powder Coated double sash butt hinged openable door with middlerail, panelling with aluminium composite panel of total thickness 4mm, with both sides Polyester coated aluminium sheets of 0.2mm thick and glazed with 5mm thick clear glass panes at top panel, neoprene and wooled beading, gaskets, pop rivots, threaded barwith nut and approved quality lock,butt hinges, door handle with capnut.		10		
D4	Supplying, fabricating and Fixing of Under Ledge powder coated aluminium Pantry Cupboard having breadth of 650mm using 1 1/2' x 1' powder coated aluminium box bar frame work panelling with 3mm thick double side white color Composite board and swing type sashes made out of powder coated aluminium 1' x 1' CNT bar frame work panelling with 3mm thick double side white color Composite board. Intermediate shelves and shelf dividers should be made of 3mm thick double side white color composite boards and all edges should be finished with 12mm x 12mm aluminium 'L' angles. Rate to include for necessary rubber beadings, door handles, locks, fixing arrangement and other accessories.		7		
D5	Supply, fabricate and fixing Powder Coated Aluminium Wall Cupboard having breadth of 650mm using 1 1/2' x 1' powder coated aluminium box bar frame work panelling with 3mm thick double side white color Composite board and swing type sashes made out of powder coated aluminium 1' x 1' CNT bar frame work panelling with 3mm thick double side white color Composite board. Intermediate shelves and shelf dividers should be made of 3mm thick double side white color composite boards and all edges should be finished with 12mm x 12mm aluminium 'L' angles. Rate to include for necessary rubber beadings, door handles, locks, fixing arrangement and other accessories.		2		
D6	Supply, fabricate and fixing of aluminium wall rack having breadth of 300mm using 50mm x 25mm powder coated aluminium box bar frame work panelling with 4mm thick Composite board. Intermediate shelves and shelf dividers should be made of 4mm thick composite boards and all edges should be finished with 12mm x 12mm aluminium 'L' angles. Rate to include for fixing arrangement and other accessories.		8		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
D7	Supply, fabricate and fixing of standing aluminium rack having breadth of 450mm using 50mm x 25mm powder coated aluminium box bar frame work panelling with 4mm thick Composite board. Intermediate shelves and shelf dividers should be made of 4mm thick composite boards and all edges should be finished with 12mm x 12mm aluminium 'L' angles. Rate to include for fixing arrangement and other accessories.		14		
D8	Supply, fabricate and fixing of wall mounted aluminium multi para patient monitor rack overall size 325 mm x 165 mm using 50mm x 25mm powder coated aluminium box bar frame work panelling with 4mm thick Composite board. Rate to include for fixing arrangement and other accessories.		5		
D9	Supplying & fixing door closer of "Union Brand" or approved equivalent.	nr	15		
D10	Supplying & fixing stainless steel floor hinge of "Union Brand" & model no 205E or approved equivalent. (Heavy)	nr	8		
	Sub Total carried to Summary				
E	<u>ELECTRICALWORKS</u>				
	Note				
	Rates in bill of quantities shall include all necessary materials (cables, casing, PVC sunk box, bulbs, switches etc.) and labour required to complete the electrical installation to good working order.				
	Except where specifically stated, all costs associated with provision of all holes, openings, chases, ducts and other builders work required				
	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 standers 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.				
	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.				
	Electrical items (MCB, RCCB etc.) should be 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.				
	All the quantities given here are approximated values and Quantities may change with the actual installation at the site.				

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
	All type of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.				
	Note:-				
	Recommended Brands for Electrical Items				
	Fans				
	KDK Original or brands approved by the Engineer.				
	Electrical Switches & Socket Outlets				
	Orange,ACL,Clipsal(schneider) or Eq.				
	<u>Light Fittings</u> Japanes, malayasian made or brands approved by the Engineer.				
	Bulbs (LED) Philips,Osram,Green or Eq.				
	<u>Cables</u> Kelani,Sierra,ACL or Eq.				
E1	Supply and installation of 12 way single phase distribution board in surface mounted type plastic enclosure including 32A 2P MCB , 40A 2P RCD (30mA) , 08 nos. single pole M.C.B s.		1		
E2	Supply and installation of of type 1(complied with SLS 814) ceiling fan 1400mm dia. complete with 5 speed humfree (electrical switch size 85X85mm) regulator, safety switch and safety wire in working order		10		
Е3	Supply and installation of type 2 (approved by the engineer) wall fan with speed regulator in working order.	nr	3		
E4	Supply and installation of type 2 (approved by the engineer) 300mm dia. exhaust fan with auto shutter in working order	nr	2		
E5	Ceiling fan (with fan hook)/wall fan/exhaust fan point wiring completed - to be carried out with 2 x 1.0 mm2 PVC insulated PVC sheathed copper cables and 2.5 mm2 earth cable wired in concealed conduit in wall and above ceiling, to be supplied and installed in working order.		15		
Е6	Supply and installation of of 13 A socket outlet in working order .	nr	25		
E7	Removing existing socket outlet and supply, refixing of Universal socket Outlet (approved by engineer).	nr	30		
E8	13 A socket outlet / grouped socket outlets - point wiring to be carried out with 2 x 2.5 mm2 PVC insulated PVC sheathed copper cables and 2.5 mm2 earth cable wired in working order		25		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs)
E9	Supply and Installation of 1200mm long, LED tube light Fitting with all necessary fixtures (Shall have minimum two year warranty period).		10		
E10	Light point wiring (including lamp point) - to be carried out with $2 \times 1.0 \text{ mm} 2 \text{ PVC}$ insulated PVC sheathed copper cables wired with PVC casing on wall and on soffit of the slabs to be supplied and installed in working order .		10		
E11	Supply and installation of 2 x 10 mm2 Cu/PVC/PVC cables concealed in casing.	m	35		
E12	Allow for replacing non workable fan regulators, removing existing wiring, Removing existing ceiling fan and refixing in new position, removing damaged light fitting and other unforeseen works.				350,000.00
	Sub Total carried to Summary				
F	MISCELLANEOUS WORKS				
F1	Removing & stacking door or window (sash with frame) size up to 4.0m2 from existing walls.	nr	3		
F2	Replacing glass panes plain / pinhead 4.6mm in complete.	m^2	25		
F3	Supplying & fixing of Guage 100 Microns sand blasting sticker or tinted stickers including surface preparation as per working order.	m ²	50		
F4	Allow for preparing reception, repairing asbestos roof, supply & fixing DB cover, supplying & fixing approved (approx 0.75m x 1m) large mirror, removing curtains, suplying & fixing cladding boards, removing & replacing damaged tiles & other unforessen works.	P.S			700,000.00
	Sub Total carried to Summary				