

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
MINISTRY OF HEALTH, NUTRITION & INDIGENOUS MEDICINE
INSTALLATION OF LED STREET LIGHTS AND
RENOVATION WORKS AT HOSPITAL MAIN
ENTRANCE ROAD
General Hospital (Teaching) - Peradeniya
BIDDING DOCUMENT

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, BAUDDHALOKA MAWATHA,
COLOMBO 07.

CLIENT

MINISTRY OF HEALTH, NUTRITION & INDIGENOUS MEDICINE
“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 **General Hospital (Teaching), Peradeniya** on behalf of the **Tender Board** now invites sealed bids for **Installation of LED Street Lights and Renovation Works at Hospital Main Entrance Road for General Hospital (Teaching), Peradeniya** as described below and estimated to cost~ 11.7 million (Basic cost)
2. Work consists of **Site Preparation, External 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 **C6 or C5** in the field of Building works under Construction Industry Development Authority (CIDA)/ Former ICTAD.

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

4(c) Average annual volume of Construction works performed in the last five years shall be at least **Rs.30 million.**

4d) 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 Installation of LED Street Lights and Renovation Works at Hospital Main Entrance Road**, and inspect the bidding documents at the address given below from 2024.10.11 until 2024.10.27 from 09.30 hrs to 14.00 hrs
2. 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 Installation of LED Street Lights and Renovation Works at Hospital Main Entrance Road** from 2024.10.11 until 2024.10.27 from 09.30 hrs to 14.00 hrs. and on 2024.10.28 till 14.00 hrs or download the bidding document from below web site upon payment of a non-refundable fee of Rs. 3,500.00

6. Sealed bids shall be delivered in duplicate marking as the **Original** and the **Copy** to the **address below**, on or before 14.00 hrs. on 2024.10.28. 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.
7. Bid validity shall be 77 days from the date for closing of Bids.
8. All bids shall be accompanied by a "Bid security" of **Rupees One Hundred Thousand only (Rs. 100,000.00)**. 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. and*
- *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: **Installation of LED Street Lights and Renovation Works at Hospital Main Entrance Road**

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 2024 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 (C6 or C5)	
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, as annex)</i>
Construction Program	<i>(Attach as annex)</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 (Attach certified copies of Letter of award & certificate of completion)
Qualification and experience of key staff - Site & Head Office (Permanent, Contract Basis & Consultants)	(Attach certified copies of certificates) Managerial / Technical: <ol style="list-style-type: none"> 1. Technical Assistant- Civil (Full time at site)- NVQ 5 or equivalent with minimum five years experience 2. Technical Assistant- Electrical (Full time at site)- NVQ 5 or equivalent with minimum five 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

**INSTALLATION OF LED STREET LIGHTS AND RENOVATION WORKS AT
HOSPITAL MAIN ENTRANCE ROAD
GENERAL HOSPITAL (TEACHING) - PERADENIYA**

SUMMARY

ITEM	DESCRIPTION	AMOUNT Rs. Cts.
A	PRELIMINARIES	
B	SITE PREPERATION	
C	ELECTRICAL WORK	
D	EXTERNAL WORKS	
E	MISCELLANEOUS WORKS	
(a)	Sub Total I	
(b)	Ddt: Provisional Sum	(849,650.00)
(c)	Sub Total II	
(d)	Ddt :% Discount	
(e)	Sub Total III	
(f)	Add: Provisional Sum	849,650.00
(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 :-

**INSTALLATION OF LED STREET LIGHTS AND RENOVATION WORKS AT HOSPITAL MAIN
ENTRANCE ROAD
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
Reimbursement 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	23,000.00
A2	Provisional Sum for providing an Advance Payment Security	A	P.S	24,500.00
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	25,000.00
A4	Provisional Sum for insurance against accidents and injury to Contractor's personel as per the Contract. (Workmen Compensation)	A	P.S	12,150.00

	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.	C	Item	
	Setting Out			
A6	Setting out of Works in accordance with drawing and other written information given by Engineer.	F	Item	
	Quality, Standards and Progress			
A7	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			
A8	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	
A9	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	
	Services & Facilities			
A10	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 Grand Summary			

INSTALLATION OF LED STREET LIGHTS AND RENOVATION WORKS AT HOSPITAL MAIN

ENTRANCE ROAD

GENERAL HOSPITAL (TEACHING) - PERADENIYA

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
B	<u>SITE PREPERATION</u>				
	<i>Rates are included for clearing away and dumping / stacking debris within the Hospital Premises as instructed by the Engineer unless stated otherwise. Reusable / serviceable material shall be handed over to the client in formal way. Clearing away debris from the Hospital Premises is paid separately and unless stacked calculate.</i>				
B1	Demolishing Hacking up & clearing debris away of floor concrete inclusive of rendering.	m ²	475		
B2	Cutting existing asphalt layer by asphalt cutter.	m	30		
B3	Earth excavation in leveling site inclusive of haulage up to 30m. Average depth <= 300mm	m ²	475		
B4	Earth excavation in leveling site inclusive of haulage up to 30m. (manual cutting only up to 450m ³) Average depth > 300mm (450mm depth)	m ³	45		
B5	Clearing away debris from hospital premises using tractor/trailer or tipper.	load	1		
Sub Total carried to Summary					
C	<u>ELECTRICAL WORK</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.				

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
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. Note:- <u>Recommended Brands for Electrical Items</u> a <u>Protective items (MCCBs, MCBs, RCCBs & ISOs</u> Schneider,ABB,Hager,Eaton (Moeller) ,Terasaki or Eq. b <u>Electrical Switches & Socket Outlets</u> Orange,ACL,Clipsal(schneider) or Eq.				
c	<u>Light Fittings</u> Japanes, malayasian made or brands approved by the Engineer.				
d	<u>Bulbs (LED)</u> Green,Philips,Osram or Eq.				
e	<u>Cables</u> Kelani,Sierra,ACL or Eq.				
f	<u>PVC Trunking</u> KTK or brands approved by the Engineer.				
	<u>Electrical Distribution System</u>				
C1	Associated work for the getting Electricity connection from existing Panel board in security office room.(Using 30A,1Phase Electricity Connection)	Pro. sum.			50,000.00
	<u>Single Phase Consumer Unit (CU-OUT)</u>	No	1		
C2	Supply and installation of switch gear cubicle made out of (1.5mm 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 No 40A, 2P, Isolator 04 No RCCB, 40A, 30mA, 2P 12 Nos MCBs, 1P (6A-32A)-6kA Earth Bar All internal connections				

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	Equipment to be to the BS/IEC				
	<u>Cables</u>				
	Supply and installation (with all materials required including conduits and termination) of following cables.				
C3	6 mm ² CU/PVC Earth cable from CU-OUT to Main Earth Electrode.	m	15		
C4	6mm ² , 2C , Cu/PVC/PVC cable from CEB meter to CU-OUT.	m	15		
C5	2.5mm ² 2 Core Cu/PVC/SWA/PVC cables from CU-OUT to Street Lights. (Without cost of Civil work)	m	950		
	<u>Cable management system</u>				
	<u>PVC Casing</u>				
C6	Supplying and installation of 50×25mm PVC Casing as necessary.	m	20		
	<u>Light Fittings</u>				
	Note :-				
	Warranty of all complete LED light fitting must be minimum two years.				
	<u>Street light</u>				
C7	Supply and installation of Decorative type street light with 01 No of 40W LED , minimum flux 5000 lumens and control gear (IP65).Lamp to be installed top of the lamp post 4.5m in height above ground level fabricated out of 3" dia. heavy duty steel pipe and hot dip galvanized incorporated with a door to accomodate 1 No. 20A,2P Isolator and terminals. Rate shall include the cost of construction of the 450mm x 450mm x 450mm reinforced concrete foundation	Nos.	20		
C8	Supply and installation of 1200mm long 20W LED tube bulb, minimum flux 2000 lumens with accessories.(For name board)	Nos	32		
	<u>Light Point Wiring</u>				
C9	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.	Nos	6		
	<u>Inspection and Testing - Electrical installation</u>				
C10	Testing the installation and rectify any defects and submit a certificate by a Chartered Electrical Engineer.(including 1 sets of as built drawing of the electrical distribution system)	Item			
Sub Total carried to Summary					

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
D	<u>EXTERNAL WORKS</u>				
D1	Supplying and spreading river sand in 150 mm layers as specified top & bottom of the underground cable.	m ²	30		
D2	Filling earth and compacting (as approved by Engineer) 150mm layers under floors.	m ³	15		
D3	Trimming , Leveling and Compaction of Original Ground/Subgrade.	m ²	450		
D4	Paving interlock blocks (strength 25N/mm2) rough or smooth , gray colour nominal thickness 80mm with quarry dust bedding including compacting and levelling (Earth levelling and compacting measured separately)	m ²	450		
D5	Lay and Compact Asphalt Premix Usign Paver (Rate include for Cost of premix, Aggregate Transport and premix transport to vbe paid)	m ²	30		
D6	Lay Standard Type Road Kerbs(125mmX900mm) Set on 19mm thick 1:3 Cement Mortar Layer on 150mm X 275mm 1:2:4(19) Concrete Foundation With av. 157mm X 150mm Backing	m	300		
D7	Mixing and placing in position concrete 100mm thick grade 20, nominal mix 1:2:4 (20mm) using a concrete mixer including fuel / operator / handling/vibrator & curing.	m ³	3		
D8	Supplying & fixing 25mm Thick Planks and Struts of Class II Timber as Formwork Rough Finish, in Foundation Etc. Including Removing	m ²	50		
Sub Total carried to Summary					
E	<u>MISCELLANEOUS WORKS</u>				
E1	Supplying & Installation of Safety "CAUTION" Warning Tape (Yellow & Black Barricade Tape) for Danger/Hazardous/Isolating Areas.	P.sum			15,000.00
E2	Allow for unforeseen work during estimating phase which may occure during construction period.	P.sum			700,000.00
Sub Total carried to Summary					715,000.00

