

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER

Sealed item rate tender on Form No. 6&8 are invited by the Executive Engineer, Electrical Division, HPPWD, Mandi (H.P.) for the following works from the OEM (Visual / Façade lighting) or authorized agency of OEM, so as to reach in his office on or before 11.10.2022 up-to 10.30 A.M. and will be opened on the same day at 11:00 A.M. in the presence of intending contractors or their authorized representatives. The application for issuing of tender form will be received in his office against cash payment Rs. 350/- (Non-refundable) for each work on or before 10.10.2022 up to 01:00 P.M. and the tender forms can be had from his office on same day. The application for the purchase of the tender documents should be accompanied with earnest money of each work separately in the shape of National Saving Certificate/FDR/ Call Deposit / Bank draft of any Schedule Bank / Post Office duly pledged in favour of the Executive Engineer, Electrical Division, HP.PWD, Mandi (H.P.). Conditional tenders and the tenders received without earnest money will be rejected. The receipt of application for issue of tender forms by post shall not be entertained / considered in any case. The tender forms shall be issued to registered Contractors or their authorized representatives. The copy of enlistment / renewal order and valid Electrical License shall be attached with the application for purchase the tender document.. The ambiguous / telegraphic / conditional / fax / E-mail or by post tenders shall also not be entertained / considered in any case. The tender shall be issued to those Contractors / Firms who are found eligible, suitable and competent. The decision of the Executive Engineer regarding suitability / eligibility / competency of Contractors/ Firms shall be final binding on the Contractors / Firms applying for the issuing of the tender. The offer for the tenders shall be kept open for 120 days. The Executive Engineer reserves the right to reject the tender without assigning any reasons, if there happens to be any holiday the same will be opened on next working day.

Work No. 1:- Supplying, Installation Testing Commissioning of Visuals For Atal Sadan Building in Kullu, Distt Kullu Himachal Pradesh Estimated Cost: Rs. 495500/-only, Earnest money: Rs. 9900/- only, Time allowed: - One Month

Work No. 1:- Supplying, Installation, Testing, Commissioning of Visuals for Atal Sadan Building in Kullu Himachal Pradesh {SH:- Providing E.I. for RGB lighting } Estimated Cost: Rs. 489475/-only, Earnest money: Rs. 9800/- only, Time allowed: - One Month

Work No. 3:- Supply Installation Testing Commissioning of Visuals For Atal Sadan Building in Kullu Himachal Pradesh {SH:- Prov. Control gear for RGB lighting } Estimated Cost: Rs. 473280/-only, Earnest money: Rs. 9500/- only, Time allowed: - One Month

CERTIFICATE:-

It is Certified that tender of above works are invited without press notice due to exigency of works in public interest.


Executive Engineer,
Electrical Division,
HPPWD, Mandi (H.P.)

NOTE:-

1. No contractor or his accredited agent shall be permitted to participate in the competition unless he holds a valid wiring license and have been duly registered in appropriate class in the HPPWD Department (Electrical)
2. No person or persons other than the contractor shall be issued tender documents unless he/they hold power of attorney duly registered under law. The tender of those contractors who are registered as dealer under H.P. General Sales Tax Act 1968 / GST and who have cleared all dues on accounts of tax will be entertained only.
3. The rates must be quoted in percentage (Above / Below) to the amount put to tender both in figures as well as in words otherwise tender will not be considered.
4. The eligible contractor should submit performance certificate for specialized jobs as required
5. Conduit pipe is to be laid simultaneously with the progress of civil work, wherever applicable

6. The tendered amount should be within the limit of(+) 5% to (-) 10%. Notification dated 07.10.2021 shall be applicable for Bid price lower than -10% and more than +5%.

Executive Engineer,
Electrical Division,
HPPWD, Mandi (H.P.)
For and On behalf of Governor of H.P.

No.PW-MED/TA/NIT/2022-2023-- 5436-52

Dated: 30/9/22

Copy forwarded to the following for information please:-

1. The Engineer-in-Chief, HPPWD, Nirman Bhawan, Nigam Vihar Shimla-1.
2. The Deputy Commissioner, Mandi District – Mandi H.P
3. The Chief Engineer (Mandi Zone), HPPWD, Mandi.
4. The Superintending Engineer, 3rd Electrical Circle, HPPWD, Mandi HP
5. ✓ The Executive Engineer (IT) o/o Engineer-in-Chief, HPPWD, Shimla through email: eeict-pwd-shi@hp.gov.in a/w copies of Schedule of Quantities for uploading the same on HPPWD web portal.
6. The Sub Divisional Officer(Civil), Mandi District – Mandi H.P
7. The Commissioner, Municipal Corporation, Mandi District – Mandi HP
8. All the Assistant Engineers (Elect.) under this Division.
9. All the Heads of Branches in this office.
10. Notice Board

Executive Engineer,
Electrical Division,
HPPWD, Mandi (H.P.)

Job-1		Estimated Cost:- Rs. 495500/-only.	
		Earnest Money :- Rs. 9900/-only.	
		Time :- One Month.	
Schedule Of Quantity			
Name of work:- Supply Installation Testing Commissioning of Visuals For Atal Sadan Building in Kullu Himachal Pradesh			
Sr. No.	Description	Qty.	Rate
		In figure	In words
1	SITC of RGB/RGBW linear wallwasher made of aluminium extrusion, LED Make : CREE / LUMINOUS / OSRAM / SEOUL / SAMSUNG, exterior-rated linear luminaire (1000mm), Input Power 24W, DMX512 with inbuilt decoder PCB for individual addressing for programming, Rated input supply of Input Voltage 24V DC, Luminaire luminous flux Minimum range 960Lm. IP protection rating : IP66. The luminaire should have multiple beam angle options : 10°, 20, 40, 60°, 10X20° (as per site requirement). Make- Philips / Surya /Disano	15 Nos.	0.00
2	Supply of following Luminaries: Supply of LED projector light fixture 54W,LED, RGBW (DMX512 Compatible), IP 66. The housing should be made of high strength pressure die cast aluminium with 3-4mm thick safety glass and coated by static powder making it weather resistant. Protection screen with tempered glass with high impact resistance IK07. Voltage input AC240V . The luminaire should have options for various beam angle: 10°/25°/40°/60°. Light fixture should be standard DMX512 protocol compatible, the DMX decoder function should be inbuilt the light fixture. Estimated LED Lifetime is L70-50,000 hours minimum@ 25degree Ambient Temperature and LEDs of CREE / OSRAM / NICHIA to be used. Minimum Light fixture Lumen output atleast 2160 Lumens @ full power. Operating Temperature : - 20°C to +50°C. Housing to have adjustable base bracket for angle adjustment so that the light direction can be adjusted to illuminate desired structural elements. Make- Philips / Surya /Disano	2 Nos.	0.00
TOTAL			0.00


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Job-2					Estimated Cost:- Rs. 489475/-only.	
					Earnest Money :- Rs. 9800/-only.	
					Time :- One Month.	
Schedule Of Quantity						
Name Of Work :- Supply Installation Testing Commissioning of Visuals For Atal Sadan Building in Kullu Himachal Pradesh {SH:- Prov. E.I. for						
Sr. No.	Description	Qty.	In figure	In words	Rate	Units
						Amount
1	Timer Based Light Control Panel (Feeder Pillar) Supply Installation Testing Commissioning of following CPRI tested Timer Based Light Control Panel (Feeder Pillar) including MS Stand suitable for 415V, 3 phase, 4 wire, 50 Hz, power supply distribution system. The panel shall be 2.0mm sheet metal enclosed, double door conforming to IP 54. The painting process shall conform to relevant IS code for out door application.					
2	INCOMING : 32A 10KA FP MCB - 1 No. + Indication Lamp + 32A FP CONTACTOR (AC 1 duty) + A/M Selector switch + Time switch including making connection, etc. as required OUTGOING : 10A 10KA SP MCB - 20 Nos. Complete Set of Feeder Pillar as above	1	Set			Per Set
3	LT CABLE Supply Installation Testing Commissioning of P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS :7098 P - I in existing pipe including making necessary connection, testing etc. as required of size Makes: HAVells, Polycab, Finolex, Kei 4.0C x 10 Sqmm Al. Ar. LT XLPE	240	Metre			Per Metre
4	Cable Termination Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. Makes: HAVells, Polycab, Finolex, Kei 4.0C x 10 Sqmm Al. Ar. LT XLPE	1	Set			Per Set

5	Copper Flexible Wire P/Laying P.V.C. insulated & P.V.C. sheathed cable of 1.1 KV grade with flexible copper conductor confirming to IS:694 in existing pipe/ conduit including making necessary connection, testing etc. as required of size.Makes: HAvells, Polycab, Finolex, Kei								
5.1	3.0C x 2.5 Sqmm Copper Flexible Wire	400	Metre					Per Metre	-
5.2	3.0C x 1.5 Sqmm Copper Flexible Wire	50	Metre					Per Metre	-
6	Pipes & Conduits Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. Make: Ashoka, jain, Jindal, Telerec, kissan	240	Metre					Per Metre	-
7	63 mm dia (OD-63 mm & ID-51 mm nominal) * Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required: 25 mm. Make: Anchor/Polycab/Diplast	300	Metre					Per Metre	-
8	Supply & fixing of outdoor type cable junction box IP65/66 with terminals suitable for terminating 2.5/1.5 sqmm Cu flexible cable including all accessories.Makes: Custom	4	Nos					Each	-
9	EARTHING								

	Supply Installation Testing Commissioning of chemical Gel earthing system of Dual Pipe Technology made of with "B" Class G I Pipe as per IS 1239 (part-1):2004 of Medium duty of following sizes as per points mentioned (a), (b), (c), (d), (e) below :- (a) filled with anti corrosive conductive compounds with the permanent sealings at both the ends, CPRI/ ERDA tested with RMS capacity of minimum 35-40 KA for withstanding 1 second. (b) To ensure the moisture content and electrical conductivity, 25 kg for 2000 mm of resistance lowering earth enhancement material shall be used as a backfill compound. The compound shall be low resistivity (less than 0.12 Ohm - meter) & high conductivity in nature with carbon as a major content as per reference of IS 3043-1987/IEEE 80-2013 (clause 14.5d), IEEE 837 & IER 1956 with latest amendmnts (c) Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. With Pipe in Pipe Technology (Outer pipe dia. / Inner pipe dia.) Minimum 100 mm dia borewell						
9.1	GI pipe 2000 mm long, 50 / 25mm, Terminal 40mm x 6 mm GI Strip	2	Set			Per Set	-
9.2	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	250	Metre			Per Metre	-
9.3	Providing and fixing 25 mm X 3 mm G.I. strip on surface or in recess for connections etc. as required.	20	Metre			Per Metre	-
10	SITC of IP67 power supply 24V output. Power consumption- 200W	12	Nos.			Each	-
11	Supply of Signal Booster/Splitter with 4-Way output for spreading and amplifying the DMX Data signals in multiple directions, Input-220-240V AC	1	Nos.			Each	-

12	Supply of enclosure for Power Supply, DMX splitter, Controller : Plain sides, grey cover, Degree of protection: IP 66/ IP 67, Impact strenght: IK 08, Material, base: Fiberglass reinforced polycarbonate, Material, cover: Polycarbonate, Material, cover screws: Polyamide, Material, gasket: Polyurethane, Colour: RAL 7035	13	Nos			Each	-
	TOTAL						-


 Executive Engineer,
 Electrical Division,
 HP.PWD. Mandi (HP).

Job-3							Estimated Cost:- Rs. 473280/-only.
							Earnest Money :- Rs. 9500/-only.
							Time :- One Month.
Schedule Of Quantity							
Name Of Work: Supply Installation Testing Commissioning of Visuals For Atal Sadan Building in Kullu Himachal Pradesh(SH:- Prov. Control gear for RGB							
Sr. No.	Description	Qty.	Rate		Units	Amount	
			In figure	In words			
1	Supply of 2X512 DMX 512 Controller and synchronization with the existing DMX controller, Input Power 5-5.5V DC 0.6A, Output Protocol DMX512, Programmability Windows, Mac OS, iOS, Android, Connections Type C USB, XLR3, Ethernet, HE20, battery Memory microSD SD & SDHC, Environment IP20. 0°C - 50°C, Buttons 10 buttons for direct access, 2 buttons to change scene, + 1 button to change zone Dimensions 160x90x45mm 288g, OS Requirements Mac OS X 10.8-10.15, Windows 7/8/10 64bit Standards EC, EMC, ROHS. Make- Niclaudie / Srya / Philips.	1	Nos.		Each		
2	Supply of DMX Special cable DMX cable (single pair) having one 22AWG pair stranded (7x30) tinned copper conductors, Datalene (FHDPE) insulation, twisted pairs, overall Beldfoil shield (100% coverage) plus tinned copper braid, PVC jacketCable. Beldon make or equivalent Make- Reputed as per satisfaction of Engineer in charge	600	Metre		Per Metre		
3	Supply Installation Testing Commissioning of Mounting Brackets/ Cages for fixtures. Make: Custom	78	Nos.		Each		
4	Supply Installation Testing Commissioning of enclosure for DMX splitter, controller : Plain sides, grey cover, Degree of protection: IP 66/ IP 67, Impact strenght: IK 08, Material, base: Fiberglass reinforced polycarbonate, Material, cover: Polycarbonate, Material, cover screws: Polyamide, Material, gasket: Polyurethane, Colour: RAL 7035 Make:Hengle, Orient electric, philips, Datus	9	Nos.		Each		
	TOTAL						


 Executive Engineer,
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