

TENDER DOCUMENT

(NIT No. : RGNUL/CMW/100)

Dated : 25/04/2016

Providing & fixing of 3-stepped steel tub. pole with relevant material for lighting in external area around Auditorium, Underground Tank Lighting & cable from SS-1 to Library (DG back up) at RGNUL campus, Patiala.



**(Construction and Maintenance Wing)
Rajiv Gandhi National University of Law, Punjab,
Patiala**



RGNUL, PUNJAB

(Construction and Maintenance Wing)

TENDER DOCUMENT

TENDER NO.	~ RGNUL/CMW/100
NAME OF WORK	~ Providing and fixing of 3-stepped steel tub. pole with relevant material for lighting in external area around Auditorium, Underground Tank Lighting & cable from SS-1 to Library (DG back up) at RGNUL camus, Patiala.
EARNEST MONEY COST OF THE TENDER	~ 2% OF BID AMOUNT. Rs 1000/-
TIME ALLOWED	~ ONE MONTH.
DATE AND TIME OF ISSUE OF TENDER DOCUMENTS	~ 26/04/2016 TO 02/05/2016 (UPTO 05:00 P.M.)
DATE AND TIME OF RECEIPT OF TENDERS	~ 03/05/2016 (UPTO 11:00 A.M.)
DATE AND TIME OF OPENING OF TENDERS	~ 03/05/2016 (AT 11:30 A.M.)

NOTICE INVITING TENDERS

No 100/ RGNUL

Dated 25.04.2016

Sealed percentage basis tenders are invited for the work described below, so as to reach this office by **11.00 AM** on **03-05-2016**. The tender are invited from the approved Contractors, Labour & Construction Co-operative Societies. Bids will be opened on same day at 11.30 AM by Tender Opening Committee in the presence of representative of agencies, who may like to be present.

S. No	Name of work	Earnest money	Time period
1	Providing & fixing of 3-stepped steel tub. pole with relevant material for lighting in external area around Auditorium, Underground Tank Lighting & cable from SS-1 to Library (DG back up) at RGNUL campus, Patiala.	2% of the quoted amount	One month

Terms and Conditions:

1. The complete Bidding document / DNIT can be obtained from office against cash payment or Demand draft for **Rs 1000/-** between 9.00AM to 5.00 PM from **26.05.2016 to 30.05.2016**. Earnest money of the unsuccessful bidders shall be refunded after the allotment of work. Earnest money of the lowest bidder shall be refunded after successful completion of the work.
2. Subletting the work after its award is not permissible.
3. The bid shall be accompanied by **Earnest Money @ 2% of the quoted amount** in the shape of **Deposit- at-call or Demand Draft** from the reputed Bank preferably Nationalized Bank only, in favour of the Registrar, RGNUL Patiala.
4. The conditional Detailed specifications of all the items have been furnished in the B.O.Q against which rates have also been furnished, the bidder has to quote at par, % below or above as he found suitable.
5. tenders contrary to DNIT will not be accepted.
6. The quoted rates shall include components related to labour laws. The contractor has to abide by all the labour laws and to deposit due amounts under these laws already covered in the quoted rates. Proof of deposit of Service tax shall be submitted for reimbursement.
7. The committee reserves the right to accept or reject any or all the tenders without assigning any reason.
8. Non compliance of instructions of the authorities of the University or delay in completion of the assigned work or non removal of defects in time; the Institute shall be free to get the job done or get the defects rectified through any other agency at the risk and cost of the contractor.
9. The work shall be completed within **One month** from the date of issue of acceptance letter.
10. Income Tax and other taxes as applicable shall be deducted from the contractor's monthly bills.
11. The contractor shall be responsible for any damage caused to any property of the campus and make good all such damages at his own cost.
12. The contractor shall indemnify under Work Men's Compensation Act; Personal Injuries Act; Insurance Act and other industrial legislation in force from time to time. The contractor shall be responsible for any violation/ non compliance of the labour laws and the Institute shall stand indemnified against any claim or compensation of whatever nature in this regard.
13. In the event of any accident during the course of work which may result in any injury to a work man; the responsibility of their medical treatment will fully rest with the contractor and the University shall not be liable in any way to the payment fixed by the Government of Punjab under minimum wages Act as amended from time to time. The contractor shall pay not less than the minimum wages fixed, to the labour engaged by him on the work.
14. Bids not fulfilling all or any of the above conditions or incomplete, in any respect are liable to rejection.
15. The complete tender documents can be downloaded from the web site www.rgnul.ac.in and used for tendering purpose. In such cases, the cost of documents should be submitted in the form of DD drawn in favour of Registrar RGNUL Punjab, at Patiala for **Rs 1000/-**. The bidder should keep checking the website for any Addenda / Corrigenda in the notice bidding document till the submission of tender.
16. If **03-05-2016** is declared holiday by RGNUL, the tender will be received on the next working day.

**Registrar,
RGNUL**

NAME OF FIRM :

NAME OF WORK: Providing & fixing of 3-stepped steel tub. pole with relevant material for lighting in external area around Auditorium, Underground Tank Lighting & cable from SS-1 to Library (DG back up) at RGNUL camus, Patiala.

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Certified that this Agreement Contained
Page.....to.....which are intact

Accountant Superintendent

University Engineer
RGNUL

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AGREEMENT

This Agreement made thisday ofbetween (herein after called the "Contractor" of the first part and Rajiv Gandhi National University of Law, Punjab, Patiala through the Registrar (hereinafter called "The University") of the other part. Whereas the Contractor has offered for the work of ***Providing & fixing of 3-stepped steel tub. pole with relevant material for lighting in external area around Auditorium, Underground Tank Lighting & cable from SS-1 to Library (DG back up) at RGNUL camus, Patiala.*** and the University has accepted his tendered offer for the execution of afore mentioned work. NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this agreement, words and expressions shall have the same meanings as are respectively assigned to them as per the general conditions of contract enclosed herewith.
2. The following documents shall be deemed to form and be construed as part of this Agreement:
 - (i) The "NOTICE INVITING TENDER" AND "INSTRUCTIONS TO TENDERERS" enclosed as ANNEXURE - 'I' with this agreement.
3. The work will be executed strictly according to specifications and sample and the schedule of items of work as per quantities specified therein at the accepted rates.
4. All correspondence and modifications, if any and acceptance letter will from part of this agreement.
5. The University hereby covenants to pay the Contractor, in consideration of completion of works, the price in the manner as specified in this Agreement.

IN WITNESS THEREOF THE PARTIES HERE TO SET THEIR RESPECTIVE HANDS AND SEALS

ON THE DAY AND YEAR MENTIONED ABOVE IN THE PRESENCE OF WITNESSES AS UNDER:

Name and Address of the Contractor

Signature of Contractor

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.....

Signed sealed and Delivered by in the capacity of
.....

In presence of (Name and Address)

Witness No. 1

.....
.....

Witness No. 2

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Registrar

For & on behalf of the
Rajiv Gandhi National
University of Law, Punjab
Patiala (RGNUL)

BILL OF QUANTITIES

Providing & fixing of 3-stepped steel tub. pole with relevant material for lighting in external area around Auditorium, Underground Tank Lighting & cable from SS-1 to Library (DG back up) at RGNUL camus, Patiala.

Sr.no	Description of items	Unit	Appx Qty.	Rate	Amount
1	3-STEPPED STEEL TUBULAR POLE:				
	Supply and erection of 3-Stepped steel tubular swaged and welded pole of suitable length conforming to I.S. 2713-1969 (Part I to III) / 1980 to fixed up to a required planting depth below ground level in a hole of excavation about 45 cm dia. and suitable depth to filled in up to 15 cm below G/L with 1:2:4 cement concrete mixture and having 1:2:4 cement concrete muff of dia. 450mm etc.-				
	Overall length 7 metre, with planting depth 1.25 metre, length of sections 4 metre, 1.5 metre and 1.5 metre (Bottom, Middle and Top respectively), Outer dia and thickness of sections 127mm x 4.5mm, 101.6mm x 3.65mm and 76.1mm x 3.25mm (Bottom, Middle and Top respectively) with approximate weight 74 kg and base plate weight 12 kg. of size 12mm thick about 30 cm dia.	each	6	9070.37	54422
2	Supply and erection of PVC insulated single core FRLS copper conductor cable ISI marked left bare in pipe or casing of suitable size excluding the cost of supply and erection of pipe or casing. (Approved Makes:-RR Kable, Polycab & Havells)				
i	PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq.mm, 1100 volts grade	mtr.	30	15.10	453
ii	PVC insulated copper conductor single core FRLS cable (ISI marked) overall 2.5 sq.mm, 1100volts grade	mtr.	364	21.6	7862
iii	PVC insulated copper conductor single core FRLS cable (ISI marked) overall 4 sq.mm, 1100volts grade	mtr.	50	29.96	1498
3	Supply and erection of Miniature Circuit Breakers/ RCBO's / RCCB's in the existing MCB distribution board as per PWD General Specifications 2010 including connections with suitable size of thimbles / lugs. Approved Makes:- Legrand(Lexic), Schneider(Neo Break) & Seimens(beta Guard)				
i	Miniature circuit breaker single pole 6 to 32amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts 50cycles AC supply	each	16	173.26	2772
ii	Miniature circuit breaker double pole 40amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts 50cycles AC supply	each	1	729.06	729
iii	Miniature circuit breaker four pole 63 amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts 50cycles AC supply	each	1	1624.32	1624
iv	Residual Current Circuit Breaker (RCCB for earth leakage protection) double pole 32/40amp., sensitivity 100mA (as per standard IEC 61008) suitable for 240/415 volts 50 cycles AC supply	each	1	2083.18	2083
4	SINGLE ARM BRACKETS:				
	Supply and erection of G.I. pipe 50mm dia. (medium) Single arm bracket 1.5 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm etc.	each	rate only	1096.07	0
5	DOUBLE ARM BRACKETS:				
i	Supply and erection of G.I. pipe 50mm dia. (medium) Double arm bracket 1.5 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm etc.	each	3	1844.12	5532
6	TRIPLE ARM BRACKETS:				

i	Supply and erection of G.I. pipe 50mm dia. (medium) Triple arm bracket 1.5 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. etc..	each	1	2586.16	2586
7	ROUND BRACKET OF 5' (5 FEET) DIA. :				
i	Supply and erection of G.I. pipe 50mm dia. (medium) Round bracket to make a ring of 5'(5 feet) dia. (1.52 metre long) with 3nos. inclined member 3' (3 feet) long welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. etc.	no.	2	4740.65	9481
8	Supply and erection of double walled corrugated (DWC) HDPE pipe to be laid 1mtr. below ground level including excavation (making necessary trench), placing the pipe in position and back filling with excavated soil etc. of the required size.				
i	Double walled corrugated (DWC) HDPE pipe 50/ 38mm (outer/ inner dia.)	mtr.	250	86	21500
ii	Double walled corrugated (DWC) HDPE pipe 90/76mm (outer/ inner dia.)	mtr.	200	132.05	26410
9	XLPE/ PVC INSULATED UN ARMoured CABLES (LOOSE):				
	Supply & laying of aluminium conductor XLPE/ P.V.C. insulated un-armoured and served cable to be laid loose in the existing trench or pipe as per PWD General Specifications 2010:- (Approved Makes:-RR Kable, Polycab,Ecko & Havells)				
i	XLPE/ PVC insulated PVC sheathed aluminium conductor unarmoured cable working voltage 1100volts grade 25sq.mm (3 1/2 Core)	mtr.	290	146.37	42447
ii	Aluminium conductor XLPE/ PVC insulated PVC sheathed armoured and served cable working voltage 1100volts grade 50sq.mm (3 1/2 Core)	mtr.	225	287.5	64688
10	RECESSED CONDUIT PIPE WIRING SYSTEM WITH MODULAR SWITCHES:				
	Wiring in PVC insulated copper conductor single core FRLS cable (ISI marked), 1100volts grade to be laid in heavy gauge welded conduit pipe 20 mm/25 mm dia (1.6mm thick) ISI Marked, recessed in wall etc., complete with powder coated/anodized concealed metal boxes required for suitable number of modules, for having electronic fan regulators (two module), bell push, electronic buzzer, 3pin 6Amp., 3pin 16/20 Amp. Sockets and 6 Amp./16/20Amp. Switches etc., and covered with Frame Plate etc., & including the cost of required number of modular switches/sockets, step type electronic fan regulator 100 watts, PVC connector (For Fan Box and Electronic Buzzer), PVC Bush, Steel Hooks, Circular Inspection Box (Recessed Type and Deep Type) conduit pipe & copper wire and other petty material etc. including the cost of cutting and filling up of chases:- MAKE- H.G.W CONDUIT PIPE= BEC / AKG/GUPTA/NIC(ISI marked) CONCEALED METAL BOX & FAN BOX WITH BRASS KNOTS= CANON,J.B. PVC FRLS COPPER WIRE=POLYCAB/ HAVELLS/ RR KABLE. MODULAR ACCSORIES =NORTHWEST(convx),LEGRAND(Myrius)				
i	Wiring fan point with sheet metal fan box (shape hexagonal & sheet thickness not less than 1.60 mm) in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100volts grade with step type electronic fan regulator 100watts (two module).	no.	2	1246.22	2492
ii	Wiring light point in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100 volts grade.	no.	3	759.28	2278
iii	Wiring 3 Pin 6 Amp. Plug control comprising wall socket (shuttered) and switch including bonding to existing earth with PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1 sq. mm, 1100volts grade complete.	no.	2	393.8	788
iv	Wiring 3 pin 16/20 amp. power plug control (shuttered) and switch.	no.	2	425.31	851

v	Wiring light point in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100volts grade complete without control switch.	no.	2	327.26	655
vi	Wiring light point in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100volts grade complete with double control switches	no.	2	1160.62	2321
11	Heavy gauge welded conduit pipe 25mm dia. (ISI marked 1.60mm thick) Flushed (Approved makes-BEC / AKG/GUPTA/NIC)	mtr	30	100.23	3007
12	Heavy gauge PVC conduit pipe 25mm dia. (ISI marked 2mm thick) Flushed (Approved makes-Supreme / polyindia/finolex)	mtr	20	40.89	818
13	G.I Earthing:-				
	Supply and Erection of earth rod 20 mm dia for providing earth connections upto line earth with G.I. Wire No. 8SWG. The rod shall be tapered at one end and flattened on other end. The hole size 10mm dia shall be drilled on the flattened side for facilitating connection with G.I. wire and thimble etc. The rod shall be grouted upto complete length vertically.				
i	GI Earth rod 20 mm dia. 3 mtr. Long	each	6	664.02	3984
14	GALVANIZED IRON PIPES AND G.I. EARTHING:				
	Supply & erection of G.I. pipe for wiring purposes including bends, inspection boxes etc., where necessary including painting as per PWD General Specifications 2010:-				
i	Galvanized iron pipe 50mm dia. (A class) Flushed	mtr.	10	340	3400
15	SHEET METAL DOUBLE DOOR DISTRIBUTION BOARD FOR MCB/ RCBO/ RCCB's:				
	Supply and erection of sheet metal double door distribution boards of suitable size and of required no. of ways for mounting miniature circuit breakers/ RCBO's/ RCCB's in the existing MCB distribution board as per PWD General Specifications 2010 including connections with suitable size of thimbles and bonding to existing earth etc.				
	GROUP-A: (Siemens (Beta Guard/Minigard), Legrand (Ekinoxe) & Schneider (Neo Break)				
i	Sheet metal double door S.P. & N. distribution board (dust protected) provided with bus bar, neutral link and din bar, suitable for incorporating MCB's/ RCBO/ RCCB's, 4 way each	each	1	935.53	936
ii	Sheet metal double door S.P. & N. distribution board (dust protected) provided with bus bar, neutral link and din bar, suitable for incorporating MCB's/ RCBO/ RCCB's, 12 way each	each	1	1567	1567
16	S/E of heavy duty aluminium thimbles/lugs for cable end termination duly crimped including making necessary				
	Aluminium cable core size 25 sq. mm - 35 sq. mm	each	40	17.09	684
17	S/E of SMC hot press moulded junction box model no.GSJB 3020 with two ms clamps,4 no. nut bolts.terminal strip 4 way & mcb hanging strip etc. (make:- Sintex)	each	6	1300	7800
18	Fixing of lights including connection	each	15	300	4500
19	Deduction of spn DB 4 way as per item no.1	each	6	-918	-5508
	Total				274660

My / Our bid amount is Rs _____ which is (at par/ % below / % above as applicable) on the total DNIT amount as calculated above i.e **Rs 2,74,660/-**

Dated:

Signature of the Tenderer

Name and Address of Tenderer

Conditions of the contract

1. The bidder shall deposit **2% of bid amount as quoted by bidder** as earnest money in the shape of Cheque or Demand draft. Earnest money of the unsuccessful bidders shall be refunded after the allotment of work. Earnest money of the lowest bidder shall be refunded after successful completion of the work.
2. Subletting the work after its award is not permissible.
3. Final payment shall be made after completion of the work up to the entire satisfaction of the Engineer-In-Charge.
4. The quoted rates shall include components related to labour laws. The contractor has to abide by all the labour laws and to deposit due amounts under these laws already covered in the quoted rates. Proof of deposit of Service tax shall be submitted for reimbursement.
5. The agency shall remove all debris / waste etc and clear the site before handing over.
6. Non compliance of instructions of the authorities of the Institute or delay in completion of the assigned work or non removal of defects in time; the Institute shall be free to get the job done or get the defects rectified through any other agency at the risk and cost of the contractor.
7. The work shall be completed within **one month** from the date of issue of acceptance letter.
8. Income Tax and other taxes as applicable shall be deducted from the contractor's monthly bills.
9. The contractor / supplier shall be responsible for any damage caused to any property of the campus and make good all such damages at his own cost.
10. The contractor / supplier shall indemnify under Work Men's Compensation Act; Personal Injuries Act; Insurance Act and other industrial legislation in force from time to time. The contractor shall be responsible for any violation/ non compliance of the labour laws and the Institute shall stand indemnified against any claim or compensation of whatever nature in this regard.
11. In the event of any accident during the course of work which may result in any injury to a work man; the responsibility of their medical treatment will fully rest with the contractor and the University shall not be liable in any way to the payment fixed by the Government of Punjab under minimum wages Act as amended from time to time. The contractor shall pay not less than the minimum wages fixed, to the labour engaged by him on the work.
12. Bids not fulfilling all or any of the above conditions or incomplete, in any respect are liable to rejection.
13. The successful bidder shall get the materials checked before taking execution in hand.
14. In **case 03-05-2016** is declared as holiday the bids shall be received on next working day.

(Signature of the agency with seal)