



सरदार वल्लभभाई पटेल राष्ट्रीय पुलिस अकादमी
SARDAR VALLABHBHAI PATEL NATIONAL POLICE ACADEMY
(भारत सरकार :: गृह मंत्रालय)
(Government of India: Ministry of Home Affairs)
हैदराबाद – 500 052
Hyderabad – 500 052

NOTICE INVITING e-TENDERS

TENDER ENQUIRY NO : 31011/2/2018-2019/HS-W
DATED : 7th SEPTEMBER 2018

PROCUREMENT OF CABLE TV ITEMS FOR UPGRADATION
OF DIGITAL OFC CABLE TV NETWORK IN SITE 'A' CAMPUS
OF S.V.P. NATIONAL POLICE ACADEMY, HYDERABAD

Date of Tender Enquiry : 7th Sep 2018

Closing date & time for submitting bids : 8th Oct 2018



सरदार बल्लभभाई पटेल राष्ट्रीय पुलिस अकादमी
SARDAR VALLABHBHAI PATEL NATIONAL POLICE ACADEMY
(भारत सरकार : गृह मंत्रालय) (**Government of India : : Ministry of Home Affairs**)
हैदराबाद & 500 052 HYDERABAD – 500 052.

No.31011/2/2018-2019/HS-W

Dated: the 7th Sep 2018

NOTICE INVITING e-TENDERS

Sub: Open Tender Enquiry for procurement of Cable TV items for upgradation of digital OFC Cable TV Network in Site 'A' Campus, NPA

Sir/madam,

SVP National Police Academy, Shivrampally, Hyderabad, invites **e-bids** under two-bid system from interested and experienced firms for procurement of Cable TV items for upgradation of digital OFC Cable TV Network in Site 'A' Campus of National Police Academy.

2. The salient features of the tender enquiry are as follows:

a)	Tender Enquiry No.	31011/2/2017-2018/HS-W
b)	Description of Work	Procurement of Cable TV items for upgradation of digital OFC Cable TV Network in Site 'A' Campus of National Police Academy.
c)	Specifications/ Quantities of items	As per Annexure-A
d)	Type of Tender Enquiry	Open Tender Enquiry
e)	Bid System	Two-Bid System (Two separate covers containing technical and financial offers)
h)	Closing date & time of submitting bids.	8 th October , 2018 at 1200 hrs
i)	Date & time of opening of bids received.	9 th October , 2018 at 1300 hrs
j)	Earnest Money Deposit	FDR/Bank Guarantee for Rs.10,000/- from any Commercial Bank in favour of 'The Director, S.V.P. National Police Academy, Hyderabad' valid for a period of 180 days.
k)	Delivery schedule	Delivery and installation should be completed within 21 days from the date of receipt of purchase order from the Academy.
l)	Terms of Delivery	FOR-Destination, SVPNPA, Hyderabad.
m)	Bid validity	Bid should be valid for 180 days from the date of opening of bid.
n)	Place of submission of bid & address for correspondence	The Administrative Officer (Admn), S.V.P. National Police Academy, Shivrampally, Hyderabad-500 052.

Contd...p/2

3. Important dates related to this tender are furnished below for information:

SI No	Particulars	Date	Time
1	Date of Online Publication of Tender	07.09.2018	1800 Hrs.
2	Starting date for downloading tender document	07.09.2018	1800 Hrs.
3	Bid Submission starting date	07.09.2018	1800 Hrs.
4	Bid Submission closing date	08.10.2018	1200 Hrs.
5	Closing date & time for submission of hard copy of EMD	08.10.2018	1200 Hrs.
6	Date of opening technical bids	09.10.2018	1300 Hrs.

4. Interested Manufacturers/Authorized Dealers/Suppliers dealing with the subject equipment can download the tender document from Central Public Procurement Portal (<https://eprocure.gov.in>) and bid can be submitted through the same website. Bids submitted other than on CPP Portal will not be accepted. The eligible bidders should have the digital signature (DSC) issued by any agency authorized by Controller of Certifying Authorities, Govt. of India.

5. Bidders can access and download the tender documents from CPP Portal and can fill them with all relevant information and submit the completed tender document online on the website: <http://www.eprocure.gov.in>. The downloading of tender documents shall be carried out strictly as provided on the website. No editing, addition, deletion of matter shall be permitted. If such action is observed at any stage, such tenders are liable for outright rejection.

6. Tender shall be submitted online only at CPPP website. Bidders are advised to refer the Bidders manual kit for e-submission of the bids online through the Central Public procurement portal available at the website: <http://www.eprocure.gov.in>. Aspiring Bidders/ Suppliers who have not enrolled/ registered in e-procurement should enroll/register before participating through the website <https://eprocure.gov.in>. The portal enrolment is free of cost.

7. All the documents as per tender requirement should be uploaded online and further, no documents will be accepted offline. However, Demand Draft (EMD – Earnest money deposit) hard copy should be sent to SVP National Police Academy before the due date of opening. Bidders who are not submitting any of the required documents online will summarily be rejected. Firms registered with NSIC/DGS&D who are exempted from furnishing EMD shall attach attested copy of the requisite certificate along with their bid.

8. The details of the Tender document, Tender fee and EMD should be filled and uploaded online. Earnest Money Deposit (EMD) for Rs.10,000/- (Rupees Ten Thousand only) should be deposited in the form of FDR/Bank Guarantee drawn on any nationalized bank in favour of The Director, SVP National Police Academy, Hyderabad valid for a period of 180 days. **Bids without EMD will not be considered.** Tender Reference Number or details should be mentioned on the backside of the original FDR/Bank Guarantee and the same should be sent to SVP National Police Academy, Hyderabad before the closing date and time as given above.

(Contd...p/3)

9. The technical specifications and quantities of the equipment to be supplied are indicated in **Appendix-A** and the salient terms and conditions of this Tender Enquiry, are as follows:

Terms and Conditions

- (a) The TIA (Tender Inviting Authority) will not be responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour. For any queries regarding e-tendering process, the bidders are requested to contact over phone: 1-800-233-7315 or send a mail over to '**cppp-nic@nic.in**'.
- (b) The following scanned documents in **.pdf** file format must be attached with the Bid:
- (c) Description of Stores and features of stores offered for supply.
- (d) The firm must enclose with their Technical Bid, the attested copy of their firm's Registration, Delivery terms, Delivery period, GSTIN of the Firm, Pan Card of the firm, Banker details, Income Tax clearance certificate, Service Tax Returns for the last three years, details of company's profile and list of valued customers, if any and **copies of earlier supply orders executed for similar equipment in the past three years should accompany along with the quotation.**
- (e) Bidders, in case of dealers, must compulsorily attach authorized Dealership certificate, Guaranty/Warranty period offered for the goods, any other standard certification of goods, etc. from the manufacturer of the quoted equipment.
- (d) Delivery terms, delivery period and banker details of firm may be clearly mentioned.
- (f) Scanned copy of Earnest Money Deposit of Rs.10,000/- (Rupees Ten Thousand only) in the form of FDR/Bank Guarantee drawn in favour of 'The Director, S.V.P. National Police Academy, Hyderabad' valid for a period of 180 days. Hard copy of the FDR/Bank Guarantee is to be sent so as to reach before closing date of tender enquiry at the address of The Administrative Officer (Admn.), S.V.P. National Police Academy, Shivarampally, Hyderabad. **Offers received without the prescribed EMD, will be rejected summarily.**
- (g) In case of any deviations in the specifications/features of the offered equipment with the tender enquiry requirements, the same shall be explicitly mentioned in a separate sheet and enclosed with the bid, failing which the offered equipment will be treated to be in exact consonance with the tender enquiry requirements.
- (h) In the financial bid, the unit rate of each item and total amount including all taxes, transportation charges, labour charges and installation charges, are to be quoted explicitly both in words and figures. No figures or words should be overwritten. Overwritten figures or words should be scored out and re-written under full signature of the authorized signatory. Quotations that do not fulfil this condition will not be considered.

(Contd...p/4)



- (i) The bidder should have their own full-fledged service centre in Hyderabad with all necessary tool kits and well qualified Engineers and any service call should be responded within 4 working hours without failure during warranty period. Bidders should submit necessary supporting documents in proof of the same.
- (j) Authorization letter from Manufacturer/Dealer that the items quoted by the vendor are in production with **one year warranty period**. No obsolete products should be quoted.
- (k) The Technical Bid containing the specifications viz. Make, Brand and Model and other information leaflets/catalogue of the proposed brand which the bidder intends to deliver and the delivery schedule by the bidder, shall be enclosed with the tender along with scanned copy of Earnest Money Deposit of Rs.10,000/- in the form of FDR/Bank Guarantee drawn in favour of 'The Director, S.V.P. National Police Academy, Hyderabad' valid for a period of 180 days. **Offers received without the prescribed EMD, will be rejected summarily.**
- (l) The Financial Bid shall comprise the price component indicating the unit price including all taxes and installation charges, if any. The unit price thereof shall not be overwritten.
- (m) The quoted price **shall be exclusive of all the Taxes** and taxes should be shown separately as applicable. No excess amount beyond the quoted amount will be considered.
- (n) Quoted prices **should be inclusive of freight** and forwarding charges, handling charges, loading and unloading charges, insurance charges, etc.
- (o) The prices once accepted by the Purchaser shall remain valid till the successful execution of the complete order to the satisfaction of the purchaser. The Purchaser shall not entertain any increase in the prices during the period. In the event there is a reduction or increase in Government levy/duties during the period of execution of the order, the rates shall be suitably adjusted with effect from the date notifying the said reduction or increase in the Government levy/excise duty. However, the Purchaser is not liable to any claim from the Supplier on account of fresh imposition and/or increase of Excise Duty, Customs Duty, Sales Tax etc. on raw materials and/or components used directly in the manufacture of contracted goods taking place during the pendency of contract.
- (p) Prices shall be quoted in Indian rupees only.
- (q) The Bid / Tender submitted shall necessarily remain valid for **180 days** after the date of bid opening. If any bidder withdraws his tender before the said period, SVP NPA shall without prejudice to any other right or remedy, be at liberty to forfeit the Bid Security submitted along with the bid.
- (r) No interest will be paid on Earnest Money Deposit. EMD of unsuccessful tenderers will be returned in due course of time. If the quotation is accepted and the contracted firm fails to undertake the supply contract, their EMD will be forfeited without any further notice.

(Contd...p/5)

- (s) The Director, SVP National Police Academy **reserves the right to order full or part thereof** of the items enclosed or accept/reject any or all the bids without assigning any reason.
- (t) The bidding firm should submit an undertaking along with their bid, that they would adhere strictly to the delivery schedule indicated in this tender document, failing which they would be penalized with a penalty **equal to 0.5%** of the supply contract value for every week period's delay. Failure to enclose this undertaking would entail rejection of the submitted offer without any further intimation.
- (u) The supply order is liable to be cancelled, if the quality of equipment is found to be **not satisfactory** or if there is an **inordinate delay** of more than 4 weeks in completing the supply.
- (v) The bidder will be blacklisted by the Academy in case of the above condition being invoked.
- (w) The sealed tender received after the due date and time will be summarily rejected. The bid should be signed at the bottom of each page of tender form.
- (x) The SVP NPA reserves the right to increase or decrease the quantity of supply / items.
- (y) Terms of Payment – **No advance payment or payment against proforma invoice will be made.** Payment will be made only after completion of supply/installation & acceptance of stores by the competent authority of the Academy.
- (z) The Director SVP NPA reserves the right to cancel the order without pre-notice, forfeit the security deposit or recover any damages for any breach of contract.
- (aa) Notwithstanding any of the conditions and clauses indicated in the Tender form, the Director has the whole and sole right to accept or reject either the lowest or any other valid bid and or **split up the order** for supplying of items to more than one bidder or to cancel the Tender without assigning any reasons thereto.

10. **Guaranty / Warranty Clause**: - **On-site comprehensive 1 year warranty** from the date of acceptance of the items by the Academy.

11. **Performance Security Clause** :- The successful bidder shall have to deposit a performance security equal to 5% of the contract value of the supply rounded up to next hundred in the form of FDR/Bank Guarantee from a nationalized / scheduled commercial bank in favour of the Director, SVP NPA Hyderabad payable at SBI Shivrampally, Hyderabad on issue of Letter of Acceptance and before issue of formal Work Order for due performance as per the provisions contained in Rule 171 of GFR– 2017. Failure on the part of the firm to deposit the performance security within stipulated time, the purchaser reserves the right to withhold the payment. Performance Security submitted by the bidder will remain valid for a period of **sixty days** beyond the date of completion of all contractual obligations of the supplier including warranty obligations. No interest will be payable for "Performance Security". **In the event of violation of terms and conditions which includes guarantee/warranty period, the performance security so deposited will be forfeited and blacklist the firm.**

(Contd...p/6)



12. **Arbitration Proceedings.** Any dispute arising out of the contract at any time between the parties hereto touching or arising out of this contract shall be referred to an arbitrator to be nominated by the Director, SVP National Police Academy and the decision and award of such arbitrator shall be final and binding upon the parties hereto and the provision of the Indian Arbitration 1996 shall apply to the arbitration proceedings.

13. **High Court for settlement of dispute:** If the dispute between the parties not settled by the Arbitrator, it should be subject to the jurisdiction of the High Court of Judicature at Hyderabad.

14. **Death of Contractor (Sole Proprietor)** In case of death of a Contractor or Sole Proprietor of a firm, his/her legal heir (s) may be permitted to operate the contract already approved in favour of the deceased and are operational or operating the current contract approved in favour of the deceased :-

- (a) Death Certificate of the deceased contractor.
- (b) Willingness Certificate on an affidavit that the legal heir (s) and accredited agent (s) is/are willing to continue the operation of the existing contract (s) at the existing terms and conditions of the contract.
- (c) Legal Heir Certificate/Succession Certificate from the Court of Law.

15. **Evaluation of Bids:**

- (a) During evaluation of the bids, the Purchaser may at its discretion, ask the Bidder for clarifications on its bid/samples of the offered equipment. The clarification of the bidder shall be in writing.
- (b) No bidder shall contact the purchaser on any matter relating to its bid from the time of the bid opening to the time the purchase order is placed. If the Bidder wishes to bring additional information to the notice of the Purchaser, it should be done in writing.
- (c) Any effort by a bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or purchase order decision will result in rejection of the bid.
- (d) Arithmetical errors in the bids, if any, will be rectified on the following basis: - If there is a discrepancy between words and figures, the lower of the two shall be taken as the bid price. If the bidder does not accept the correction of errors, as aforesaid, its bid will be rejected, and its EMD will stand forfeited.

16. **Eligibility Conditions:**

- (a) Any Government organization/undertaking should not have blacklisted debarred / suspended the bidding firm.
- (b) The Vendor should be an entity registered in India.


(Contd...p/7)

17. **Taxes and duties:**

(a) Vendor shall be entirely responsible for all taxes, duties, license, fees etc. incurred until delivery of the contracted services to the Academy.

(b) No bid will be considered unless and until all the pages / documents comprising the bid are properly numbered, signed and stamped by the person/s authorized to do so.

18. **Demonstration of offered equipment** - The bidder should provide demonstration of equipment offered, in case the TPC so desires. Failure to provide samples/offer demonstration shall entail rejection of bid forthwith.


(R Jayanthi)
Admn. Officer (Admn.)

TECHNICAL SPECIFICATIONS OF CABLE TV ITEMS
BOQ for Karnataka Bhawan, Site A of SVP NPA
Equipment / Item / work Description

S No	Description	Make	Qty	Tech Specification
1.	OFC 6 core (Single Mode)	Sterlite or Hexa or equivalent standard	2000 mtr	<p>a) Core : 06</p> <p>b) Length 2000 mtr</p> <p>c) Colour Black</p> <p>d) Unitube Single Jacket embedded FRP Cables. This is a central tube cable using optical fibers presented in tube filled with a throtrophic gel ,and is enclosed in a polyethylene sheath. The cables have embedded strength members for anti buckling property.</p> <p>e) Cables used for indoor and outdoor applications, distribution for campus/ between and within buildings.</p> <p>f) Longitudinal water protection is enabled by water blocking compounds in tube and core</p> <p>g) Fiber count : 2-12 24 Nom. Diameter of cable (mm) : 8.0 9.0 Nom. weight of cable (kg/km) : 55 65</p> <p>h) Cables Complies to Standards of IEC.60794,ANSI/ICEA S-87-640</p>
2.	Optical Transmitter 13dBm	Opt link or equivalent standard	01 No.	<p>a) Transmitter based on DFB Technology for transmission of optical signal at 1310nm for Multi Channel CATV Transmission. suitable for HFC networks as they economize & optimize the Broad Band Network and increase reliability and stability. The DFB technology along with RF pre-distortion circuit have been incorporated to achieve excellent C/N performance - A necessity for Cable TV Network. 1310nm Transmitters incorporate automatic power control coupled with temperature stabilization provided by a thermo electric cooler, which ensures maximum performance, and longer laser module life.</p> <p>b) High quality, high linearity DFB laser. Advanced pre-distortion function. 1U, 19 inch standard chassis, 220VAC, 50Hz switching power supply or others. Power output up to 15 dBm.</p>

S No	Description	Make	Qty	Tech Specification
3.	Optical Node (860 MHz Dual Output)	Opt link ORP 222 II or equivalent standard	15 Nos.	a) Optical sensitivity better than -8 dB Use as an optical node or amplifier High Voltage surge protection LED bar display for optic power indication b) 860 MHZ Dual output c) -10db super dlx d) -12db with SMPS
4.	Optical Patch Card	Opterna Elite or equivalent standard	15 Nos.	a) 62.5/125 (OM1), 50/125 (OM2), OM3, SMF-28, SMF-28e, Single mode Bend insensitive (G657a & b). b) Cable TV Application. c) Insertion Loss (Single mode): SC, LC, MU, FC, ST, E-2000, ESCON, FDDI, Max :0.30dB; 0.15dB (Typ.), MTRJ:Max:0.50dB; 0.30dB (Typ.). d) Return Loss (Single mode) : >55dB for UPC >60dB for APC.
5.	Optical Couplers (Two way single mode)	Opterna Elite or equivalent standard	15 Nos.	a) Two way single mode b) CATV Application c) Require different ratios of couplers
6.	Optical Fibre Termination Box	n-Tech or equivalent standard	15 Nos.	a) Two way optical fiber termination box b) Weather resistance type c) High standard, Heavy duty
7.	Protection box for Node	Customized with lock & key facility	15 Nos.	a) Customized with lock & key facility b) Encloser box Stain less steel (size 14" (length), 10.5" (width), 6" (depth) c) Powder coated finishing
8.	Insulated GI wire	HCT or equivalent standard	305 Mtr	a) PVC Insulated GI wires b) Corrosion resistance c) Durable standards d) High tensile strength
9.	Electrical Gang Box (Fitted with 3 pin 6 Amp universal socket with 6 Amp switch)	Anchor or equivalent standard	15 Nos.	a) Electrical Gang box fitted with universal 3 pin 6 amp sockets with 6 amp switch. b) Box Size 5.5 x 3.5 inch

10.	1 sq mm 2 core copper electrical flexible cable	Finolex or equivalent standard	04 Rolls (100 Mtr each)	<ul style="list-style-type: none"> a) Two core cable type b) Size 1sq.mm c) Sheath Thickness 0.9mm d) 12 AMP e) Diameter (mm) 7.1mm f) Cables have low conductor resistance. g) Wires are insulated with a special grade PVC compound formulated, protect from any mechanical abuses h) Wires conforms to IS 694 : 1990
11.	Coaxial cable RG11 (3 GHz)	Com scope or equivalent standard	1 Roll (305 Mtr)	<ul style="list-style-type: none"> a) Cable Type -Series 11 b) Supported Application - Satellite c) Center Conductor Gauge - 14 AWG e) Center Conductor Type -Solid f) Packaging Type -Reel g) Jacket Material - PVC black h) Construction Materials Construction Type - Non-armored Center Conductor Material - Copper-clad steel wire Dielectric Material - Foam PE Shield (Braid) Coverage - 60 % Shield (Braid) Gauge - 34 AWG Shield (Braid) Material -Aluminum Shield (Tape) Material - Aluminum / Poly. i) Dimensions: Cable Length -305 m /1000 ft Cable Weight - 55.00 lb/kft Diameter Over Center Conductor 1.6281 mm per 1 strand - 0.0641 inper 1strand Diameter Over Dielectric - 7.1120 mm /0.2800 Diameter Over Jacket Tolerance -±0.006 in Diameter Over Jacket, maximum -10.033 mm / 0.395 in Diameter Over Shield (Tape) -7.899 m / 0.311 Jacket Thickness -1.016 mm / 0.040 in Jacket Thickness, minimum spot 0.813mm / 0.032 in. j) Electrical Specifications:

S No	Description	Make	Qty	Tech Specification
				Capacitance - 53.1 F/m/16.2 F/ft Characteristic Impedance -75 ohm Characteristic Impedance Tolerance -±3 ohm Conductor dc Resistance -11.00 ohms/kft Dielectric Strength, conductor to shield -4000 Jacket Spark Test Voltage - 5000 Vac Nominal Velocity of Propagation (NVP) -82 % Shield dc Resistance - 6.90 ohms/kft Structural Return Loss - 15 dB @ 2200–3000 MHz / 18 dB @ 1000–2200 MHz / 20 dB @ 5–1000 MHz
12	Coaxial cable RG 6 (3 Hz)	Com scope or equivalent standard	1 Roll (305 Mtr)	a) Product Type -Coaxial satellite cable b) Cable Type - Series 6 c) Jacket - PVC, Black d) Supported Application - Satellite e) Center Conductor Gauge - 18 AWG f) Center Conductor Type - Solid g) Packaging Type - Reel h) Construction Materials: Construction Type - Non-armored Center Conductor Material- Bare Copper Dielectric Material - Foam PE Inner Shield (Braid) Coverage – 60% Inner Shield (Braid) Gauge – 34 AWG Inner Shield (Braid) Material - Aluminum Inner Shield (Tape) Material -Aluminum/Poly Outer Shield (Braid) Coverage -40% Outer Shield (Braid) Gauge -34 AWG Outer Shield (Braid) Material- Aluminum Outer Shield (Tape) Material -Aluminum/Poly, non- bonded i) Environmental Specifications: Environmental Space - Non- Plenum Flame Test Method - CMG Safety Standard - CETL/ ETL UL Temperature Rating – 75 °C/167 ° j) Electrical Specifications : Capacitance - 52.5 pF/m /16.0 pF/ft Characteristic Impedance - 75 ohm Characteristic Impedance Tolerance - ±3 ohm Conductor dc Resistance -6.50 ohms/kft Dielectric Strength,

S No	Description	Make	Qty	Tech Specification
				shield-2500 Vdc Jacket Spark Test Voltage – 2500 Vac Nominal Velocity of Propagation (NVP) -84 % Shield dc Resistance -4.90 ohms/kft Structural Return Loss -15 dB @ 1000–3000 MHz /20 dB @ 5–1000 MHz
13	Splicing charges		60 Joints Approx	OFC Splicing should be done in professional manner
14	Installation charges (The vendor should install the above items in professional manner at Site A campus of the Academy and integrate with the existing 270 cable TV connections, testing and make it functional)		1 Job	-