



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.31011/14/2015-2016/HS-W.

Dated the 12<sup>th</sup> February, 2016.

**NOTICE INVITING TENDERS**

Sub: Limited Tender Enquiry for supply of **DCN-CCU2 Central Control Unit (Make: Bosch)** to S.V.P. National Police Academy – Reg.

Sir,

SVP National Police Academy, Shivrampally, Hyderabad, invites sealed tender under single-bid system from your firm for supply of **01 No. DCN-CCU2 Central Control Unit (Make: Bosch)**.

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

a)	Tender Enquiry No.	31011/14/2015-2016/HS.W
b)	Description of items	Supply of <b>01 No. DCN-CCU2 Central Control Unit (Make: Bosch)</b> for controlling the existing delegate microphones held by S.V.P. National Police Academy
c)	Specifications	As per <b>Annexure-A</b>
d)	Type of Tender Enquiry	Limited Tender Enquiry
e)	Bid System	Sing-Bid System
h)	Closing date & time of submitting bids.	On February 26, 2016 at 1700 hrs
i)	Date & time of opening of bids received.	On February 29, 2016 in SVPNPA, Hyderabad
j)	Earnest Money Deposit.	Demand draft for Rs.7,500/-, drawn from any of the Commercial Banks in favour of 'The Director, S.V.P. National Police Academy, Hyderabad'.
k)	Delivery schedule	Delivery should be completed within <b>30 days</b> 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.2)

- 3) Tender Documents - Tenders are governed by Tender documents.
- 4) Non transferable tender document containing Specifications, Bid Evaluation criteria and Tender Terms & Conditions.
- 5) SVP NPA shall not be responsible for postal delay or any other delay in respect of submission of bid / delay in receipt of bid and such bids will be summarily rejected.
- 6) Details of the tender notice, tender document, specification etc are available in SVP NPA's Web site [www.svpnpa.gov.in](http://www.svpnpa.gov.in)
- 7) Name of Tender Receiving Officer: Shri K. Shankar,  
Admn. Officer (Admn.),  
S.V.P. National Police Academy,  
Hyderabad-500052.

B. The technical specifications and features required of the above equipment are indicated in Appendix and the salient terms and conditions of this Tender Enquiry, are as follows:

#### **Terms and Conditions**

- a) Bidders, in case of dealers, must compulsorily attach authorized Dealership (OEM) certificate from the manufacturer of the quoted equipment, failing which the bidder will be disqualified.
- b) The rates i.e. unit rate of each item and total amount including all taxes, transportation charges, labour charges and installation charges, if any, 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.
- c) The firm must enclose the attested copy of their firm's Registration, Delivery terms, Delivery period, TIN of the Firm, Pan Card of the firm, Banker details, Income Tax clearance certificate, Service Tax Returns for the last three years, OEM authorization letter, 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**. All these documents are to be attached with the Bid without fail.
- d) 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.
- e) Authorisation letter from OEM certifying that the items quoted by the vendor are in production and would be **supported for service for at least 10 years** (No obsolete products should be quoted) **including 3 years warranty period**.

- f) The 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 Earnest Money Deposit of Rs.7,500/- in the form of Demand Draft drawn in favour of 'The Director, S.V.P. National Police Academy, Hyderabad'. **Offers received without the prescribed EMD, will be rejected summarily.**
- g) The 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.
- i) 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.
  - ii) Quoted prices **should be inclusive of freight** and forwarding charges, handling charges, loading and unloading charges, insurance charges, etc.
  - v) 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.
  - vi) Prices shall be quoted in Indian rupees only.
- h) The Bid / Tender submitted shall necessarily remain valid for 180 days after the date of commercial 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.
- i) 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.
- j) 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.
- k) 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 penalised 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.

- l) The quotation along with EMD in the form of demand draft and other enclosures, should be submitted in sealed envelope duly super scribed 'TENDER FOR SUPPLY OF DCN-CCU2 CENTRAL CONTROL UNIT TO SARDAR VALLABHBHAI PATEL NATIONAL POLICE ACADEMY, HYDERABAD and should be addressed to the Administrative Officer (Admn.), SVP National Police Academy, Hyderabad. **Name of the company / bidder shall not be mentioned on the external cover containing the bid.**
- m) 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.
- n) The bidder will be blacklisted by the Academy in case of the above condition being invoked.
- o) 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.
- p) The SVP NPA reserves the right to increase or decrease the quantity of supply / items.
- q) 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.
- r) 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.
- s) **Guaranty / Warranty Clause** :- **On-site comprehensive 3 years warranty** from the date of acceptance of the items by the Academy.
- t) **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 account payee demand draft / bank guarantee from a nationalized / scheduled commercial bank in favour of the Director, SVP NPA Hyderabad payable at SBH Shivarampally, Hyderabad **within 10 days after the successful installation of the equipment** for due performance as per the provisions contained in Rule 158 of GFR-2005. 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".
- u) **Evaluation of Bids:**
  - i) During evaluation of the bids, the Purchaser may at its discretion, ask the Bidder for clarifications of its bid/samples of the offered equipment. The clarification of the bidder shall be in writing.
  - ii) 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.

- iii) 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.
  - iv) 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.
- v) **Eligibility Conditions:**
- iii) Any Government organization/undertaking should not have blacklisted debarred/suspended the bidding firm.
  - iv) The Vendor should be an entity registered in India.
- w) **Taxes and duties**
- iii) Vendor shall be entirely responsible for all taxes, duties, license, fees etc. incurred until delivery of the contracted services to the Academy.
  - iv) 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.
- x) **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.
- y) SVP NPA shall not be responsible for postal delay or any other delay in respect of submission of bid / delay in receipt of bid and such bids will be summarily rejected.



(K. SHANKAR)  
Admn. Officer (Admn.)

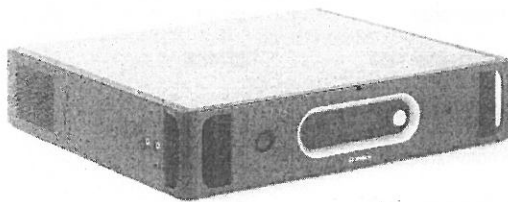
Copy to: Programmer, SVPNPA for uploading the NIT on the Academy Website and to provide a link with the NIC website.

# DCN-CCU2 Central Control Unit

www.boschsecurity.com



**BOSCH**  
Invented for life



The Central Control Unit (CCU) includes features for controlling wired and wireless delegate microphones, distributing simultaneous interpretation and conducting voting sessions, all without an operator. In combination with a PC, this control unit brings greater sophistication to conference control. Users can access an extensive range of software modules, each with a specific function in controlling and monitoring a conference. These modules greatly expand the capacity to manage a conference. In the event of PC failure, this control unit will revert to its stand-alone operation mode, enabling the conference to proceed.

## Functions

- For DCN Next Generation or DCN wireless systems, or a combination of the two (Maximum one DCN-WAP per system)
- Basic microphone management facilities
- Four operational microphone modes:
  - Open: microphone button control with request-to-speak (Auto)
  - Override: microphone button with override of activated microphones (FIFO)
  - Voice: voice activated microphones
  - Push-to-talk (push and hold button to speak)
- Number of open microphones between 1 and 25

- ▶ For DCN Next Generation or DCN wireless systems, or a combination of the two
- ▶ In single-CCU; maximum 245 wired contribution units, plus 245 wireless delegate units
- ▶ For multi-CCU systems, with up to 30 CCU's and a total of 4000 contribution units
- ▶ Voice activated microphone mode for wired and wireless systems
- ▶ Ethernet connection for configuration and control computers

- Configuration of CCU and system via a display and a single rotary push button
- Basic voting control for parliamentary voting procedure. Delegates can register 'Present', 'Yes', 'No' and 'Abstain'. The Concentus Chairman unit can start, stop and suspend the voting. The total results can be displayed on hall displays and on the LCD screens of the units
- A page function which activates a voting tone. With this tone the chairman can indicate that a voting round is about to start
- Simultaneous interpretation function with 31 language channels plus one floor channel
- Distribution of up to 10 language channels plus floor to DCN wireless discussion units
- Distribution of up to 31 language channels plus floor to Integrus receivers, DCN wired channel selectors
- Basic intercom function with function to assign intercom operator and intercom chairman (both can be called from the interpreter desk)
- Stand-alone automatic camera control
- Extended conference facilities when using control PC software or remote controllers
- Adjustable sensitivity for the audio inputs
- Adjustable level for the audio outputs
- Audio insertion facility to connect external audio processing devices or telephone couplers

- The CCU can be assigned a unique name by the installer for easy identification
- VU meter readings to monitor audio inputs and audio outputs. The audio can be monitored using a headphone
- 19" (2U) housing for tabletop or rack mounting
- Handgrips for easy transportation

### Controls and Indicators

#### Front

- Power on/off switch
- 2 x 16 Character LCD display for status information and configuration
- Rotary control to navigate through the LCD menus

#### Back

- Three red LED overload indicators for the DCN network outputs
- Two red LED overload indicators for the optical connections
- Green and yellow LED indicating Ethernet activity

### Interconnections

#### Front

- One stereo headphone output 3.5 mm (0.14 in)

#### Back

- Euro power socket with built-in fuse
- Three DCN outlet sockets including locking facility for connection of units
- Two optical network connections for connection of Integrus, various audio expanders, CobraNet interfaces and Wireless Access Point
- Two three-pole XLR balanced audio line inputs with galvanic separation
- Two stereo Cinch unbalanced audio line inputs
- Two three-pole XLR balanced audio line output with galvanic separation
- Two stereo Cinch unbalanced audio line outputs
- One Ethernet connection for Control PC, Open Interface or slave CCU
- One RS-232 serial data connector for controlling cameras
- One error switch, galvanic separated cross-over switch to trigger external equipment in case of errors detected by the CCU

### Certifications and approvals

Region	Certification
Europe	CE

### Parts included

Quantity	Component
1	DCN-CCU2 Central Control Unit
1	Set of mounting brackets for 19" rack
1	Set of feet
1	System installation and user instruction on DVD
1	US power cord
1	Euro power cord

### Technical specifications

#### Electrical

Supply voltage	100-240 Vac 50-60 Hz
Power consumption	360 W
DCN system supply	40 Vdc, max 85 W per DCN socket
Optical network supply	40 Vdc, max 65 W
Total power supply	320 W
RS-232 connection	1 x nine-pole Sub-D female socket
Frequency response	30 Hz - 20 kHz (-3 dB at nominal level)
THD at nominal level	< 0.5 %
Cross talk attenuation	> 85 dB at 1 kHz
Dynamic range	> 90 dB
Signal-to-noise ratio	> 87 dBA

#### Audio inputs

XLR nominal input	-12 dBV (+/- 6 dB)
XLR maximum input	+12 dBV
Cinch nominal input	-24 dBV (+/- 6 dB)
Cinch maximum input	+0 dBV

#### Audio outputs

XLR nominal output	-12 dBV (+6 / -24 dB)
XLR maximum output	+12 dBV
Cinch nominal output	-24 dBV (+6 / -24 dB)
Cinch maximum output	+0 dBV

#### Mechanical

Mounting	Tabletop or mounted in a 19" rack
Dimensions (H x W x D)	
for tabletop use, with feet	92 x 440 x 400 mm (3.6 x 17.3 x 15.7 in)
for 19" rack use, with brackets	88 x 483 x 400 mm (3.5 x 19 x 15.7 in)
in front of brackets	40 mm (1.6 in)
behind brackets	360 mm (14.2 in)
Weight	7.9 kg (17.5 lbs)
Color	Charcoal (PH 10736) with silver