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उत्तर दक्षिण हरियाणा बिजली वितरण निगम
UTTAR DAKSHIN HARYANA BIJLI VITRAN NIGAM



BIDDING DOCUMENTS

FOR PROCUREMENT

OF

Twin Core LT PVC cables (Armoured & Un-armoured)

Purchaser: Uttar & Dakshin Haryana Bijli Vitran Nigam Ltd.

TENDER ENQUIRY FLOATED BY: -

DAKSHIN HARYANA BIJLI VITRAN NIGAM
(A Power Distribution & Retail Supply Utility, Govt. of Haryana)
An ISO 9001:2008 compliant utility, CIN:- U99999HR1999SGC034165
Regd. Office: Vidyut Sadan, Vidyut Nagar, Hisar-1250005 (Haryana)
Office of the Chief Engineer/MM, Vidyut Nagar, Hisar-1250005 (Haryana)
PH- 223061(O), 223005 (Fax) [S.E./MM-0166-223332]
E-mail: semmdhbvn@gmail.com , cemmhisar@gmail.com



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UTTAR DAKSHIN HARYANA BIJLI VITRAN NIGAM



DAKSHIN HARYANA BIJLI VITRAN NIGAM

(A Power Distribution & Retail Supply Utility, Govt. of Haryana)

An ISO 9001:2008 compliant utility, CIN:- U99999HR1999SGC034165

Regd. Office: Vidyut Sadan, Vidyut Nagar, Hisar-1250005 (Haryana)

Office of the Chief Engineer/MM, Vidyut Nagar, Hisar-1250005 (Haryana)

PH- 223061(O), 223005 (Fax) [S.E./MM-01662-223332]

E-mail: semmdhbvn@gmail.com , cemmhisar@gmail.com

NOTICE INVITING TENDERS

(Only through e-procurement)

NOTICE INVITED TENDER No. /DH/MM/XEN/MM- DATED: . .20

Offers are invited for procurement of following material on FIRM Price & 'FOR' destination basis anywhere in Haryana, by fixing the annual rate contract as per details given below:-

Description of item	Total qty.	Est. cost
Twin Core LT PVC Cable of following sizes as per Nigam Technical Specification No. CSC-XIII/R-II/DH/UH/P&D/ 2015-16 & CSC70/R-I/DH/UH/P&D/2015-16, relevant ISS with latest amendment.		
i) Cx6 Sq.mm Armoured	2	
ii) Cx6 Sq.mm Un-Armoured	2	
iii) Cx10 Sq.mm Armoured	2	
iv) Cx10 Sq.mm Un-Armoured	2	
v) Cx16 Sq.mm Armoured	2	
vi) Cx16 Sq.mm Un-Armoured	2	
Date of start	Last date of submission	Opening date of part-I

Tender documents having detailed terms and conditions can be seen/downloaded from the portal <https://haryanaeprocurement.gov.in> and www.dhbvn.org.in/web/portal/tenders

Superintending Engineer/MM
For CE/MM, DHBVN, Hisar

For Publication only



DAKSHIN HARYANA BIJLI VITRAN NIGAM

NOTICE INVITING TENDER

(Only through e-procurement)

SCHEDULE OF TENDER (SOT)

a) NOTICE INVITING TENDER (NIT) NO.	/DH/MM DATED: - . . .				
b) e-tender no.					
c) MODE OF TENDER	e-Procurement System (Online Part I - Techno-Commercial Bid and Part II - Price Bid Through https://haryanaeprocurement.gov.in of Nextenders India Pvt. Ltd.)				
d) Tender Enquiry No. under NIT No.	QD-				
e) Date of NIT available to parties to download	. . .				
f) i) Earnest Money Deposit	2% of estimated cost subject to max. Rs. 2 Lacs				
ii) Tender Fees (Non-refundable)	<table border="1"><thead><tr><th>For all the bidders except Haryana based MSMEs and KVI units (Rs.)</th><th>For the Haryana based MSMEs and KVI units (Rs.)</th></tr></thead><tbody><tr><td>5000/-</td><td>1000/-</td></tr></tbody></table>	For all the bidders except Haryana based MSMEs and KVI units (Rs.)	For the Haryana based MSMEs and KVI units (Rs.)	5000/-	1000/-
For all the bidders except Haryana based MSMEs and KVI units (Rs.)	For the Haryana based MSMEs and KVI units (Rs.)				
5000/-	1000/-				
iii) E-Service Fee (Non-refundable)	Rs. 1000/-				

Offer are invited for procurement of following material through fixing the rate contract on 'FIRM' & 'FOR' destination rates basis anywhere in Haryana, as per details given below. The rate contract shall be valid for one year from the date of award of contract and can be extended further for one more year with mutual consent.

SCHEDULE OF MATERIAL: -

T.E. no.	Description of material	DHBVN		UHBVN		Total	
		Min	Max	Min	Max	Min	Max
QD-	Twin Core LT PVC Cable of following sizes as per Nigam Technical Specification No. CSC-XIII/R-II/DH/UH/P&D/ 2015-16 & CSC70/R-I/DH/UH/P&D/2015-16, relevant ISS with latest amendment. i) Cx6 Sq.mm Armoured ii) Cx6 Sq.mm Un-Armoured						



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iii)	Cx10 Sq.mm Armoured						
iv)	Cx10 Sq.mm Un-Armoured						
v)	Cx16 Sq.mm Armoured						
vi)	Cx16 Sq.mm Un-Armoured						

- 1) Only those tenders will be considered who fulfill the **Pre Qualification Conditions** mentioned in the tender documents (as elaborated in **Annexure-II**)
- 2) Only those tender shall be considered who deposit the earnest money and tender cost & E-Service Fee by due date.

Information Regarding Online Payment of Tender Document , eService & EMD Fee.

- 1) The Bidders can download the tender documents from the Portal: <https://haryanaeprocurement.gov.in>. The Bidders shall have to pay for the Tender documents, EMD Fees & e-Service Fee online by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between suppliers and online payment authorization networks. The Payment for Tender Document Fee and eService Fee can be made by eligible bidders/ suppliers online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD can be made online directly through RTGS / NEFT.
- 2) If the tenders are cancelled or recalled on any grounds, the tender document fees & e- service fee will not be refunded to the agency.
- 3) The detailed procedure/instructions to bidder on Electronic Tendering System are at **Annexure-I**.
- 4) **For any clarification regarding bid preparation and bid submission, please contact: M/s Nextenders (India) Pvt. Ltd.**
O/o. DS&D Haryana, SCO – 09, IInd Floor, Sector – 16, Panchkula – 134108
E - mail: Chandigarh@nextenders.com Help Desk: 1800-180-2097 (**Toll Free Number**)
- 5) The Tenderers can submit their tender documents (Online) as per the dates mentioned in the key dates schedule:

Key Dates schedule:

Sr. No.	Department Stage/Activity	Tenderer's Stage	Start date and time	Expiry date and time
1.	-	Downloading of Tender Documents & Bid Preparation & submission	. . . at 10:00 Hours	. . . at 13:00 Hours
		Pre-bid meeting (If applicable)	. . . at 11:00 Hrs.	
2	Manual submission of technical documents (Within 4 days from the opening of part-I)		-	. . . at 13:00 Hours
3	Technical Opening (Part-I)	-	. . . at 15:00 Hours	---
4	Short-listing of Technical bids & Opening of Financial Bid			Will be intimated to the firms on their E-mail ids

Superintending Engineer/MM
For CE/MM, DHBVN, Hisar



For Uploading on website only

Annexure-I

Instructions to bidder on Electronic Tendering System

These conditions will over-rule the conditions stated in the tender documents, wherever relevant and applicable.

1. **Registration of bidders on eProcurement Portal:-**
All the bidders intending to participate in the tenders processed online are required to get registered on the centralized e - Procurement Portal i.e. <https://haryanaeprocurement.gov.in>. Please visit the website for more details.
2. **Obtaining a Digital Certificate:**
 - 2.1 The Bids submitted online should be encrypted and signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an Approved Certifying Authority, by the Controller of Certifying Authorities, Government of India.
 - 2.2 A Digital Certificate is issued upon receipt of mandatory identity (i.e. Applicant's PAN Card) and Address proofs and verification form duly attested by the Bank Manager / Post Master / Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued. For more details please visit the website – <https://haryanaeprocurement.gov.in>.
 - 2.3 The bidders may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from:
M/s Nextenders (India) Pvt. Ltd.
O/o. DS&D Haryana,
SCO – 09, IInd Floor,
Sector – 16,
Panchkula – 134108
E - mail: Chandigarh@nextenders.com
Help Desk: 1800-180-2097 **(Toll Free Number)**
 - 2.4 Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt the data and sign the hash during the stage of bid preparation & hash submission. In case, during the process of a particular tender, the user loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be able to submit the bid online. Hence, the users are advised to **keep a backup of the certificate** and also keep the copies at safe place under proper security (for its use in case of emergencies).
 - 2.5 In case of online tendering, if the digital certificate issued to the authorized user of a firm is used for signing and submitting a bid,



it will be considered equivalent to a no-objection certificate/power of attorney /lawful authorization to that User. The firm has to authorize a specific individual through an authorization certificate signed by all partners to use the digital certificate as per Indian Information Technology Act 2000. Unless the certificates are revoked, it will be assumed to represent adequate authority of the user to bid on behalf of the firm in the department tenders as per Information Technology Act 2000. The digital signature of this authorized user will be binding on the firm.

2.6 In case of any change in the authorization, it shall be the responsibility of management / partners of the firm to inform the certifying authority about the change and to obtain the digital signatures of the new person / user on behalf of the firm / company. The procedure for application of a digital certificate however will remain the same for the new user.

2.7 The same procedure holds true for the authorized users in a private/Public limited company. In this case, the authorization certificate will have to be signed by the directors of the company.

3 **Opening of an Electronic Payment Account:**

Tender document can be downloaded online. Bidders are required to pay the tender documents fees online using the electronic payments gateway service. For online payments guidelines, please refer to the Home page of the e-tendering Portal <https://haryanaeprocurement.gov.in>.

4 **Pre-requisites for online bidding:**

In order to bid online on the portal <https://haryanaeprocurement.gov.in> , the user machine must be updated with the latest Java. The link for downloading latest java applet is available on the Home page of the e-tendering Portal.

5 **Online Viewing of Detailed Notice Inviting Tenders:**

The bidders can view the detailed N.I.T and the time schedule (Key Dates) for all the tenders floated through the single portal eProcurement system on the Home Page at <https://haryanaeprocurement.gov.in>.

6 **Download of Tender Documents:**

The tender documents can be downloaded free of cost from the e-Procurement portal <https://haryanaeprocurement.gov.in>.

7 **Bid Preparation (Technical & Financial) Online/offline Payment of Tender Document Fee, eService fee, EMD fees and Submission of Bid Seal (Hash) of online Bids:**

7.1 The online payment for Tender document fee, eService Fee & EMD can be done using the secure electronic payment gateway. The Payment for Tender Document Fee and eService Fee can be made by eligible bidders/ contractors online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD can be made online directly through RTGS / NEFT . The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks.



- 7.2 The bidders shall **upload** their technical offer containing documents, qualifying criteria, technical specification, schedule of deliveries, and all other terms and conditions except the rates (price bid).
The bidders shall **quote** the prices in price bid format.
- 7.3 Submission of bids will be preceded by submission of the digitally signed & sealed bid (Hash) as stated in the time schedule (Key Dates) of the Tender.

NOTE:-

- (A) If bidder fails to complete the Online Bid Submission stage on the stipulated date and time, his/hers bid will be considered as bid not submitted, and hence shall not appear during tender opening stage.
- (B) Bidder participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the portal <http://haryanaeprocurement.gov.in>.
- (C) For help manual, please refer to the 'Home Page' of the e-Procurement website at <https://haryanaeprocurement.gov.in>, and click on the available link 'Download' to download the file.

Guidelines for Online Payments in e-tendering

Post registration, bidder shall proceed for bidding by using both his digital certificates (one each for encryption and signing). Bidder shall proceed to select the tender he is interested in. On the respective Department's page in the e-tendering portal, the Bidder would have following options to make payment for tender document & EMD:

- a. Debit Card
- b. Net Banking
- c. RTGS/NEFT

Operative Procedures for Bidder Payments

- A) Debit Card
The procedure for paying through Debit Card will be as follows.
- (i) Bidder selects Debit Card option in e-Procurement portal.
 - (ii) The e-Procurement portal displays the amount and the card charges to be paid by bidder. The portal also displays the total amount to be paid by the bidder.
 - (iii) Bidder clicks on "Continue" button
 - (iv) The e-Procurement portal takes the bidder to Debit Card payment gateway screen.
 - (v) Bidder enters card credentials and confirms payment
 - (vi) The gateway verifies the credentials and confirms with "successful" or "failure" message, which is confirmed back to e-Procurement portal.
 - (vii) The page is automatically routed back to e-Procurement



- portal
- (viii) The status of the payment is displayed as “successful” in e-Procurement portal. The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a print out of the same,
- (ix) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.
- B) Netbanking
- The procedure for paying through Netbanking will be as follows.
- (i) Bidder selects Netbanking option in e-Procurement portal.
- (ii) The e-Procurement portal displays the amount to be paid by bidder.
- (iii) Bidder clicks on “Continue” button
- (iv) The e-Procurement portal takes the bidder to Netbanking payment gateway screen displaying list of Banks
- (v) Bidder chooses his / her Bank
- (vi) The Netbanking gateway redirects Bidder to the Netbanking page of the selected Bank
- (vii) Bidder enters his account credentials and confirms payment
- (viii) The Bank verifies the credentials and confirms with “successful” or “failure” message to the Netbanking gateway which is confirmed back to e-Procurement portal.
- (ix) The page is automatically routed back to e-Procurement portal
- (x) The status of the payment is displayed as “successful” in e-Procurement portal. The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a print out of the same.
- (xi) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.
- C) RTGS/ NEFT
- The bidder shall have the option to make the EMD payment via RTGS/ NEFT. Using this module, bidder would be able to pay from their existing Bank account through RTGS/NEFT. This would offer a wide reach for more than 90,000 bank branches and would enable the bidder to make the payment from almost any bank branch across India.
- i. Bidder shall log into the client e-procurement portal using user id and password as per existing process and selects the RTGS/NEFT payment option.
- ii. Upon doing so, the e-procurement portal shall generate a pre-filled challan. The challan will have all the details that is required by the bidder to make RTGS-NEFT payment.
- iii. Each challan shall therefore include the following details that will be pre-populated:



Beneficiary account no: (unique alphanumeric code for e-tendering)

Beneficiary IFSC Code:

Amount:

Beneficiary bank branch:

Beneficiary name:

- iv. The Bidder shall be required to take a print of this challan and make the RTGS/NEFT on the basis of the details printed on the challan.
- v. The bidder would remit the funds at least one day in advance to the last day and make the payment via RTGS / NEFT to the beneficiary account number as mentioned in the challan.
- vi. Post making the payment, the bidder would login to the e-Tendering portal and go to the payment page. On clicking the RTGS / NEFT mode of payment, there would be a link for real time validation. On clicking the same, system would do auto validation of the payment made.

List of Net banking banks

1. Allahabad Bank
2. Axis Bank
3. Bank of Bahrain and Kuwait
4. Bank of Baroda
5. Bank of India
6. Bank of Maharashtra
7. Canara Bank
8. City Union Bank
9. Central Bank of India
10. Catholic Syrian Bank
11. Corporation Bank
12. Deutsche Bank
13. Development Credit Bank
14. Dhanlaxmi Bank
15. Federal Bank
16. HDFC Bank
17. ICICI Bank
18. IDBI Bank
19. Indian Bank
20. Indian Overseas Bank
21. Indusind Bank
22. ING Vysya Bank
23. J and K Bank
24. Karnataka Bank
25. Kotak Mahindra Bank
26. Karur Vysys Bank
27. Punjab National Bank
28. Oriental Bank of Commerce
29. South Indian Bank
30. Standard Chartered Bank



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31. State Bank Of Bikaner and Jaipur
32. State Bank of Hyderabad
33. State Bank of India
34. State Bank of Mysore
35. State Bank of Travencore
36. State Bank Of Patiala
37. Tamilnad Mercantile Bank
38. Union Bank of India
39. United Bank of India
40. Vijaya Bank
41. Yes Bank



Schedule- B

**NECESSARY INSTRUCTION/TERMS & CONDITIONS
FOR THE BIDDER**

Sr. No.	Necessary instruction/Terms & Conditions for the bidder
	Tender must be submitted on prescribed tender form and complete in all respects and submitted through e-procurement mode only. No other mode like email/fax etc. shall be acceptable.
	Tender enquiry has been floated for procurement of material as specified in NIT for fixing the rate contract valid for one year from the date of issue of rate contract (which can be extended further for one year with the mutual consent of purchaser and supplier at the same rates, terms & conditions).
	Tenderer must carefully study the technical specifications and general terms and conditions before preparation of tender. All terms and conditions of NIT and Corrigendum shall be applicable.
	The tenders not meeting the requirement of pre-qualification conditions, necessary terms and conditions of the NIT and Nigam technical specifications shall be rejected.
	The bidders shall have to pay for the tender documents, EMD Fees & e-Service Fee online by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between contractors/suppliers and online payments authorization networks. The payment for Tender Document Fee and eService Fee can be made by eligible bidders/suppliers online directly through Debit Cards & Internet banking Accounts and the Payment for EMD can be made online directly through RTGS/NEFT. The Bank charges, if any, will be to the account of the tenderer. No claims against the Nigam either in respect of interest if any due on the Security deposit/Earnest money or its depreciation in value shall be admitted
	Detailed procedure for depositing earnest money, order preference to Haryana firms, delivery schedule and other terms and conditions are contained in SOT & schedule D of tender documents. Each tender document is required to be signed by his authorized representative alongwith stamp and is to be uploaded thereafter.
	The following tenders shall be exempted from the deposit of earnest money. (i) Wholly Govt. of India owned undertakings. (ii) Wholly State owned undertakings of Haryana.
	The tenders should remain valid for 180 days from the date of opening of tender (Part-I in case of two part tender) otherwise the same will not be accepted and rejected out-rightly.
	The offers/tenders will be opened on the date and time prescribed in the Notice Inviting Tenders. In case the date of opening falls on a holiday including Sunday or a holiday is subsequently declared on that date, the tenders will be opened on next working day following the holiday.
	All tenders/offers will be regarded as constituting an offer or offers open to acceptance in whole or in part until the last date of validity as prescribed in the notice inviting tenders or as indicated by the tenderer in his tender/offer, whichever be later.
	The price must be quoted in Indian Rupees and any mistake in calculating the rupee price will not justify the claim for increase in prices.
	Authenticated documents to prove authority of signatory (legal power of attorney in favour of signatory) must be uploaded . Memorandum of article and Memorandum of association of the firm, if applicable, shall also be uploaded with the tender .



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	The firm shall submit the detail information in the performa of particular of bidder. (Annexure-III)
	The tenderer shall give details of immovable property i.e. land, building, machinery, exact location of their property and copy of constitution/balance sheet alongwith the tender. The document shall be uploaded by the supplier/s.
	Tender not adhering to Nigam's delivery schedule will not be considered.
	If more than one bid is submitted by any/one bidder, (having same registered office), the same shall be rejected.
	The deviations in Technical & Commercial terms and Conditions, if any, must be brought out clearly on the performa enclosed (Annexure-V) , failing which it will be presumed that the same are acceptable in to-to.
	Tenderer/s shall submit their offer in an ambiguous free wording failing which DHBVN/UHBVN interpretation will be final.
	The tenders shall be submitted in two parts. Part-I shall consist technical details and commercial terms and part-II shall consist price bid only. Part-II i.e. price bids shall be opened on a date to be intimated separately for the purpose.
	Purchase Preference: The provision for purchase preference shall be as per policy/ guidelines issued by the State Govt. vide G.O. No. 2/2/2010-4 I B II dated 19.12.2011 and/or latest instruction issued by the State Govt. All other Policy decisions/ guidelines on procurement of Stores through the Directorate of Supplies and Disposals as applicable for the state of Haryana are also applicable in this case (Unless stated /decided otherwise). The instructions/guidelines issued by Govt. of Haryana vide G.O. No. 2/2/2010-4 I B II dated 28.05.2010, G.O. No. 2/2/2010-4 I B II dated 19.12.11, G.O. No. 2/2/2010-4 I B II dated 18.06.13, G.O. No. 2/2/2010-4 I B II dated 16.6.2014, G.O. No. 2/2/2010-4 I B II dated 9.02.15 & G.O. No. 2/2/2010-4 I B II dated 24.03.15 are available on website www.dsndharyana.gov.in . the bidders are requested to download the same from website and read carefully before submitting the tender. It shall be presumed that the bidder has read these instructions/guidelines and agreed the same, while evaluating for tender submitted by the firm/supplier/tenderer.
	The revision of price bid after opening of Part-I i.e. technical and commercial part of the tender is not allowed. In case of withdrawing the same within the validity period, EMD shall be forfeited.
	If any of the firm fails to supply the material within stipulated delivery period, then the leftover quantity of said firm shall be considered for allocation to the firm (s) supplying material under the same NIT and performing better. This clause shall be applicable after issuance of purchase order of the minimum quantity of Rate Contract and with mutual consent of Nigam and the remaining suppliers under the same NIT. The defaulting firm shall have to fulfill its contractual obligations against the minimum quantity of the rate contract, else shall have to bear penal action as per the provisions in the NIT.
	Arithmetical Errors: - in case of any inconsistency in the prices furnished, the purchaser shall be entitled to consider the lowest prices for the purpose of evaluation and award of contract. All arithmetical errors will be rectified on the basis of the unit price or total price (in figures and in words) whichever is more beneficial to the purchaser.
	In the event of a firm not favoring the delivery commitments of the previous contracts, this fact will weigh against the firm tendering against a subsequent enquiry and be treated as disability. Before issue of the letter of intent or of placing



	<p>the order, the previous order should be fully discharged or a reliable under taking should be given that it would be done within a reasonable period and within scope of the previous contract, if the firm declines to give this undertaking, it would be considered ineligible for competing against any subsequent tender/order and the current order would automatically pass on the next lower firm.</p>
	<p>The tender shall be issued by UHBVN/DHBVN for fixing the rate contract on behalf of both the power utilities i.e. DHBVN & UHBVN. However, all the purchase orders will be issued by CE/MM of respective utilities in a phased manner depending on the requirement of stores. The PQRs and other liabilities of the bidder shall be as per minimum quantity offered.</p>
	<p>Material offered should be strictly according to the technical specification attached with the tender documents as laid down in Annexure-A of Schedule D (Part-I) to the Terms and conditions of the contract. Unless a deviation in the specifications given in Annexure 'A' is pointed out by the tenderer specifically, it will be presumed that Offer/tender conforms to the specifications as laid down in Annexure 'A'. However, in case of any ambiguity in the Nigam's technical Specification, the provision of relevant IS with latest amendment will prevail. The concerned Director /Projects, shall be the deciding authority in such cases.</p>
	<p>EMD is liable to be forfeited in case of evidence of cartel formation by the bidder(s). The provision for penal action in case of cartel formation by the bidders shall be as per clause No. 9 of policy (guidelines) issued by the State Govt. vide G.O No. 2/2/2010-41 BII dated 28.5.2010.</p>
	<p>The purchaser reserves the right to reject any or all the tenders received without assigning any reason.</p>
	<p>The firm failing to accept the LOI/RC after having made commitments before SPC/HPPC (Nigam)/HPPC (Govt.) shall be blacklisted/ debarred from doing business with Nigam and earnest money of the firm shall be forfeited.</p>
	<p>The bidder shall submit alongwith his tender documents, the details of his production capacity, orders in hand/pending with quantity, value and delivery schedule of the material /equipments in question. The document shall be uploaded by the supplier.</p>
	<p>The bidder shall submit all the requisite documents pertaining to the plant from where the material will be supplied. The document shall be uploaded by the supplier.</p>
	<p>List of customers to whom the material in question has been supplied/orders executed financial year wise and their performance certificates shall be enclosed by the Tenderer. The document shall be uploaded by the supplier.</p>
	<p>No change in GTPs/technical parameters/drawings submitted alongwith bid shall be allowed in case the offered material is as per technical specification of Nigam.</p>
	<p>The tenderer must submit a hard copy of all the documents related to part-I (i.e. techno-commercial terms and conditions, where the tender is invited in two parts) uploaded on the site for the said tender duly certifying that these documents are same as uploaded on designated website, within 4 days of opening of part-I. (All affidavit & undertakings should be submitted in original with hard copy).</p>
	<p>Submission of Quality Assurance Procedure The Vendor / Contractor at the time of submission of the drawings for approval from DHBVN/UHBVN is also required to submit a Quality Assurance Procedure (QAP) of the materials to be supplied for review and approval. In this QAP, the vendor / contractor shall clearly indicate the quality measures being taken by the manufacturer to maintain the quality of the finished product. The</p>



	<p>drawings/QAP once approved shall not be required to be submitted for approval again.</p> <p>QAP will indicate the following details:-</p> <ol style="list-style-type: none">Tests being performed on the raw material purchased by manufacturer for manufacturing of the finished product.Tests being conducted during manufacturing of the product (In process testing).Tests which shall be done on the finished product at the time of pre-dispatch inspection.Test results assured by the vendor.Tests procedure followed for the inspection with full details of test setup etc. <p>The Inspection shall be carried out on the basis of the approved QAP. All the details provided by the vendor / contractor shall be verified by Nigam / Third Party during the inspection and if any deviation is found from the approved documents, it will be noted in the inspection report.</p>
	<p>The firms will enter into an agreement with the Nigam to ensure that there is no fall in the prices of the item under rate contract and in case of any such price fall, the rates of the material will be revised as per any decrease in price.</p>
	<p>The max. Quoted qty. shall be considered as 1.5 times of the min. qty. quoted by the bidder/s against the NIT.</p>
	<p>MODVAT benefits, if any, be included in quoted prices and confirmed in bid submission.</p>
	<p>All the other terms and conditions will be as per latest guidelines of Govt. of Haryana and schedule D (general and particular terms & conditions of contract) and technical specification of Nigam. However, any statutory variation shall be borne by the Nigam, during contractual delivery schedule only i.e. increase in statutory variation beyond the overall delivery period shall be borne by the firm. Further, in case of award of contract / PO to the firm/s having exemption in statutory levy like E.D., VAT / CST etc. at the time of quoting the bid, the rate of such statutory levies as applicable on the date of tender opening / finalization shall be deemed to be included in the rates finalized.</p>
	<p>The post tender offers or communications received from the supplier/contractors etc. which effect the quoted and equivalent rates there by changing the merit position of the tender shall not be entertained</p>
	<p>On the day the purchaser conveys acceptance to the supplier's offer either through e-mail/fax or by a letter, the date of e-mail/fax or letter will be the date of agreement and the contractual obligations of the supplier will commence from that very date. The supplier will have no right to revoke his offer after the acceptance of purchaser.</p>
	<p>The benefits applicable vide Govt. of Haryana office order no- 2/2/2010-4-IB-II dated 24.03.2015 to Haryana based Micro and Small Enterprises (Including KVI units) will be admissible only if the concerned Enterprises participate directly in the tender not through their intermediaries i.e. their dealers/agents and distributors etc.</p> <p>To avail the benefits of Haryana based Micro and Small Enterprises (Including KVI units), the bidders will upload the requisite documents along with the tender documents.</p>
	<p>Pre-qualification conditions: The firm quoting against the NIT shall meet with the Pre- qualification requirement as elaborated in Annexure-II without which the firm shall not be considered for placement of order. The PQRs and other liabilities of the bidders shall be as per min. quantity offered by the firm.</p>



Pre-qualification conditions

Sr. no.	Pre-qualification conditions for Armoured Cables
	<p>The firm should be ISO-9001:2008 certificate or above and should be a manufacturer/ authorized agent of manufacturer, if Manufacturer being outside India. (His agent shall have the necessary testing facilities in India).</p>
	<p>The turnover of the firm in any one financial year during the last five financial years should be equivalent or more to the estimated cost of the material of the NIT /estimated cost of the material offered. The documents showing turnover should be duly attested by CA and in support of the same, the balance sheet of that particular year may also be attached. (Estimated cost of material of NIT by taking min. qty. of the tender is Rs. ____.)</p> <p>Manufacturing Small Enterprises (Including Khadi & Village industries) that have filed Entrepreneurs Memoranda in Haryana will be entitled to a concession of 50% on the turnover and shall be considered qualifying accordingly.</p> <p>Manufacturing Micro Enterprises that have filed Entrepreneurs Memoranda in Haryana will be entitled to a concession of 75% on the turnover and shall be considered qualifying accordingly.</p> <p>Note:- The turnover mentioned in this clause signifies “Overall turnover of the firm”.</p> <p>(format for CA certificate regarding turnover is enclosed as Annexure VIII).</p>
	<p>Past Performance of the firm with DHBVN or UHBVN or any Central/State Govt. Power Utility in India should be satisfactory both in adhering to the delivery schedule relating to purchase of material only.</p> <p>On the date of opening of bid, the bidder should have completed at least 50% supply of the ordered quantity within contractual delivery period against the latest completed purchase order for similar/any size/rating material executed for UHBVN or DHBVN& any other power utility subject to the condition that PO has been executed successfully with or without levy of the penalty or delivery extension.</p> <p>In case of supply to any other central/state gov., power utility, the firm shall submit self-certification in the form of affidavit on NJSP alongwith requisite proofs. If bidder has not supplied any material to DHBVN/UHBVN. Nigam shall get pre-order inspection of his facilities done to be sure of his manufacturing capabilities.</p> <p>The supplies should be considered preferably against direct purchase orders placed by central/state Govt., power utility for supply of tendered items. However, the offered material supplied against turnkey works shall be</p>



	<p>accounted for in adjudging the past performance where offered material was supplied to Haryana DISCOMs for consideration of supplies against turnkey works i.e if the potential supplier qualifies in PQR clause (v) then he shall be qualifying PQR clause (iii) as well. However, PQR clause (iii)& (v) for turnkey supplies, a continuous period 12 months shall be considered as valid periodicity instead of a calendar year or Financial year.</p> <p>For consideration of supplies against turnkey works, LT PVC Armoured Cable of similar /any size/rating should have been successfully put into consideration on the date of opening of tender/part-I</p>
	<p>Minimum qty. to be quoted shall be atleast 20% of the minimum quantity of NIT. An offer below 20% of the minimum quantity of NIT shall be rejected and its price bid shall not be opened. <i>Please quote the max / min quantity of supply against this NIT.</i></p>
	<p>The firm bidding 20% or more of NIT quantity should have supplied at least 50% of the offered quantity of similar LT PVC Armoured cable /any size/rating in any one financial year during the last 5 financial years to UHBVN/ DHBVN or any other Power Utilities. The capacity wise list of supplies for that particular financial year duly attested by CA must be attached.</p> <p>The turnkey experience of the suppliers for supply of similar/any size/rating in respect of DISCOMs of Haryana should also be included while considering the numerical value of 50% material having been supplied by the suppliers to qualify towards past experience. The performance of the suppliers in respect of their turnkey experience should also be got verified from the Construction Wing of the concerned Utility.</p> <p>Haryana State SSI/MSME (including KVI) units shall be considered qualifying this clause provided they have supplied at least 25 % of offered quantity to any power utility in any one year during the last five financial years.</p>
	<p>Only those firms who have not been blacklisted by any DHBVN/UHBVN or any State/Central Govt. Power Utility in India at present shall be entitled to submit the tenders. The firm shall submit an affidavit of non-blacklisting on the non-judicial stamp of the appropriate value duly attested by Notary public</p>
	<p>The bidder should have completed the supplies up to the date of opening of Part-I tenders against all the previous purchase orders of similar item irrespective of size/rating placed by UHBVN/DHBVN whose delivery period has already expired with max. Penalty, failing which the bid shall be treated as non responsive and price bid shall not be opened.</p>



Sr. No.	Pre-qualification conditions for Un-Armoured Cables
	<p>The firm should be ISO-9001:2008 certificate or above and should be a manufacturer/ authorized agent of manufacturer, if Manufacturer being outside India. (His agent shall have the necessary testing facilities in India).</p>
	<p>The turnover of the firm in any one financial year during the last five financial years should be equivalent or more to the estimated cost of the material of the NIT /estimated cost of the material offered. The documents showing turnover should be duly attested by CA and in support of the same, the balance sheet of that particular year may also be attached. (Estimated cost of material of NIT by taking min. qty. of the tender is Rs. ____.)</p> <p>Manufacturing Small Enterprises (Including Khadi & Village industries) that have filed Entrepreneurs Memoranda in Haryana will be entitled to a concession of 50% on the turnover and shall be considered qualifying accordingly.</p> <p>Manufacturing Micro Enterprises that have filed Entrepreneurs Memoranda in Haryana will be entitled to a concession of 75% on the turnover and shall be considered qualifying accordingly.</p> <p>Note:- The turnover mentioned in this clause signifies “Overall turnover of the firm”.</p> <p>(format for CA certificate regarding turnover is enclosed as Annexure VIII).</p>
	<p>Past Performance of the firm with DHBVN or UHBVN or any Central/State Govt. Power Utility in India should be satisfactory both in adhering to the delivery schedule relating to purchase of material only.</p> <p>On the date of opening of bid, the bidder should have completed at least 50% supply of the ordered quantity within contractual delivery period against the latest completed purchase order for similar/any size/rating material executed for UHBVN or DHBVN& any other power utility subject to the condition that PO has been executed successfully with or without levy of the penalty or delivery extension.</p> <p>In case of supply to any other central/state govt., power utility, the firm shall submit self-certification in the form of affidavit on NJSP alongwith requisite proofs. If bidder has not supplied any material to DHBVN/UHBVN. Nigam shall get pre-order inspection of his facilities done to be sure of his manufacturing capabilities.</p> <p>The supplies should be considered preferably against direct purchase orders placed by central/state Govt., power utility for supply of tendered items. However, the offered material supplied against turnkey works shall be accounted for in adjudging the past performance where offered material was supplied to Haryana DISCOMs for consideration of supplies against turnkey works i.e if the potential supplier qualifies in PQR clause (v) then he shall be qualifying PQR clause (iii) as well. However, PQR clause (iii)& (v) for turnkey</p>



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	<p>supplies, a continuous period 12 months shall be considered as valid periodicity instead of a calendar year or Financial year.</p> <p>For consideration of supplies against turnkey works, LT PVC Cable of similar /any size/rating should have been successfully put into consideration on the date of opening of tender/part-I</p>
	<p>Minimum qty. to be quoted shall be atleast 20% of the minimum quantity of NIT. An offer below 20% of the minimum quantity of NIT shall be rejected and its price bid shall not be opened. <i>Please quote the max / min quantity of supply against this NIT.</i></p>
	<p>The firm bidding 20% or more of NIT quantity should have supplied at least 50% of the offered quantity of similar LT PVC cable /any size/rating in any one financial year during the last 5 financial years to UHBVN/ DHBVN or any other Power Utilities. The capacity wise list of supplies for that particular financial year duly attested by CA must be attached.</p> <p>The turnkey experience of the suppliers for supply of similar/any size/rating in respect of DISCOMs of Haryana should also be included while considering the numerical value of 50% material having been supplied by the suppliers to qualify towards past experience. The performance of the suppliers in respect of their turnkey experience should also be got verified from the Construction Wing of the concerned Utility.</p> <p>Haryana State SSI/MSME (including KVI) units shall be considered qualifying this clause provided they have supplied at least 25 % of offered quantity to any power utility in any one year during the last five financial years.</p>
	<p>Only those firms who have not been blacklisted by any DHBVN/UHBVN or any State/Central Govt. Power Utility in India at present shall be entitled to submit the tenders. The firm shall submit an affidavit of non-blacklisting on the non-judicial stamp of the appropriate value duly attested by Notary public</p>
	<p>The bidder should have completed the supplies up to the date of opening of Part-I tenders against all the previous purchase orders of similar item irrespective of size/rating placed by UHBVN/DHBVN whose delivery period has already expired with max. Penalty, failing which the bid shall be treated as non responsive and price bid shall not be opened.</p>



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SCHEDULE 'C'

UTTAR/DAKSHIN HARYANA BIJLI VITRAN NIGAM LIMITED

TENDER FORM

From _____

To _____

Offer No. _____

Dated _____

Subject : Submission of e-tender against Notice Inviting Tender No. _____

dated _____ (Tender enquiry no. _____ & tender ID No. _____) of
Uttar/Dakshin Haryana Bijli Vitran Nigam Ltd.

Dear Sir,

With reference to your above mentioned notice inviting tender & tender ID, I/We hereby offer to supply/provide genuine goods/services (as per details given in the tender documents) and shall execute the supply contract truly and faithfully within the time specified and set forth in the attached terms and conditions. The goods/services to be supplied/provided will be of the quality and answerable in every aspect with this tender. I/We shall be responsible for all complaints as regards the quality of goods/services and in case of dispute the decision of the Nigam will be final and binding on me/us.

1. Rs. _____ Rupees _____) have been deposited online through designated e-procurement website, as earnest money as desired. I fully understand that in the event of my/our tender being accepted this earnest money shall be retained by you till the submission of performance guarantee by me as per clause 6, Schedule-D.

2. I/We shall have no claim to the refund of the earnest money prescribed against this tender in the event of my/our non-compliance of the purchase order provided such order is placed within the period of validity of my/our tender as indicated in paragraph 4 below.

I further understand that my earnest money will stand forfeited even if I withdraw my tender at any stage during the currency of the period of validity.

3. My/our tender shall remain valid for a period of _____ days from the last date prescribed for submission of the tenders against the NIT No. _____ dt. _____ (tender ID No. : _____).

4. My/our tender alongwith the terms and conditions with the relevant columns and annexures duly filled in, including the enclosed terms and conditions), (in the capacity of sole owner/ general or special attorney, in proof of which power of attorney is attached) is submitted for your favourable consideration.

5. I/We have read the enclosed terms and conditions carefully and accept the same in toto. My/our tender constitutes a firm offer under the Indian Contract Act 1872 and is open to an acceptance in whole or in parts. My/ our offer, if accepted on the attached terms and conditions will constitute a legally binding contract and shall operate as a contract as defined in the Indian Contract Act 1872 and the Indian sale of goods Act 1930.

6. Detail of documents submitted, duly paginated, by me is attached herewith for ready reference.

Thanking you.

DA/Details of documents

Place

Yours faithfully,

Dated

Name & Full Address of Tenderers



NIT No. _____

Enquiry No. _____

SCHEDULE 'D'

(Part-I, General Conditions of Contract)

UTTAR/ DAKSHIN HARYANA BIJLI VITRAN NIGAM LIMITED

GENERAL TERMS AND CONDITIONS FOR PROCUREMENT OF EQUIPMENT STORES AND OTHER MATERIAL UNDER THE RATE CONTRACT

In construction of the terms and conditions of the contract, the following words shall have the meaning herein assigned to them, unless the subject or context otherwise requires:

- (a) The "PURCHASER" shall mean the Haryana DISCOMs (DHBVNL /UHBVNL) or their authorized agent and shall include their Successors in office, and assigns.
- (b) The "SUPPLIER" shall mean M/s _ and shall include the supplier's legal representatives, successors, and assigns.
- (c) "MANUFACTURERS: _____ shall mean M/s _____ and shall include their legal representatives, successors, and assigns.
- (d) "MATERIAL" all the materials to be supplied by the supplier under the contract as per clause of material specifications, prices etc.
- (e) 'SPECIFICATION' shall mean and include the specifications as detailed in the attached herewith and Drawings attached thereto as well as samples and patterns, (if any).
- (f) The 'SITE' shall mean and include the lands and buildings over/under/upon and in which the materials are to be installed and used in accordance with the terms and conditions.
- (g) 'PLACE OF DELIVERY' shall mean the place of delivery at which the supplier is responsible to deliver the material at the contract price as specified in the clause "Material- Specification: Price etc.
- (h) 'COMMERCIAL USE' shall mean the use to which the material can commercially be put.
- (i) 'MONTH' shall mean a calendar month.
- (j) 'THE TERMS' F.A.S., F.O.R., F.O.B., C.I.F. and other shipping/ despatch terms as used herein, shall have meaning in accordance with their uses in India.
- (k) 'WORK' shall mean and include supply of all the materials, plants and equipment and rendering of other services by the supplier under this contract.
- (l) 'ACT' shall mean the Companies Act 1956 and shall include any statutory



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amendments,

Modifications or re-enactment thereof for the time being in force.

- (m) 'Haryana DISCOMs' shall mean the UTTAR HARYANA BIJLI VITRAN NIGAM LIMITED /DAKSHIN HARYANA BIJLI VITRAN NIGAM LIMITED as incorporated under Companies Act 1956 and shall include their successors and assigns.
- (n) 'MANAGING DIRECTOR' shall mean the Managing Director of the NIGAM (DHBVNL/UHBVNL) duly appointed by the Govt.
- (o) 'CONSIGNEE' shall mean the officer to whom the materials is required to be dispatched or the person specified in the purchase order.
- (p) 'CONTRACT' shall mean the Notice Inviting Tender, Instructions for tenderers, Tender Forms, terms and conditions of contract with their annexures and purchase order/ acceptance of offer/Tender/Rate Contract.
- (q) 'DRAWING' shall mean the drawing/drawings annexed to the specification (if any) or as approved by the purchaser.
- (r) 'PURCHASE AUTHORITY' shall mean the officer signing the acceptance of tender and shall include any officer who has authority to execute the relevant contract on behalf of the purchaser.
- (s) 'PURCHASE ORDER' shall mean an order of supply of material including the acceptance of the tender.
- (t) 'ANNEXURE' shall mean the Annexure to the terms and conditions.
- (u) 'ACCEPTANCE OF TENDER' shall mean the letter or memorandum communicating to the supplier the acceptance of his offer (Tender) and shall include advance acceptance of his offer i.e. Letter of Intent or Rate Contract.
- (v) 'TEST' shall mean such test as is prescribed by the Indian Standards Institution or by the Haryana DISCOMs and/or considered necessary by the authorized agents of the purchaser, whether conducted/performed or made by them or any other agency acting under their directions.
- (w) 'DELIVERY' shall be deemed to take place on delivery of the material in accordance with the terms and conditions of the Contract after test and inspection by the purchaser or his authorized agent, to the consignee.
- (x) D.G.S & D shall mean the Director General of Supplies and Disposals, Government of India.
- (y) DS&D shall mean the Director Supplies & Disposal, Haryana.

2. PARTIES.

The parties to the contract are the supplier and the purchaser, Legal address of the parties to the Contract is under:

Supplier M/s _____



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Purchaser: Dakshin Haryana Bijli Vitran Nigam (Hisar)/UTTAR Haryana Bijli Vitran Nigam (Panchkula).

For all purposes of the contract including the arbitration there under, the address of the supplier mentioned above, shall be the address to which all communications addressed to the supplier shall be sent, unless the supplier has notified a change by a separate letter containing no other communication and sent by a Speed Post (Acknowledgement Due) to the purchaser. The supplier shall be solely responsible for the consequences of an omission to notify the change of address in the manner aforesaid.

3. AUTHORITY OF THE PERSON SIGNING THE CONTRACT ON BEHALF OF THE SUPPLIER.

The person who has signed these Tender papers (including the terms and conditions) has got authority to sign on behalf of the supplier. It is discovered at any time that the person so signing had no authority to do so, the purchaser without prejudice to any other right or remedy available to him may, cancel the contract and hold such person liable to the purchaser for all costs and damages arising from the cancellation of the contract including any loss which the purchaser may sustain on account of such purchase.

4. RESPONSIBILITY OF THE SUPPLIER FOR EXECUTING THE CONTRACT.

(i) RISK IN MATERIAL

The supplier shall execute the contract in all respects in accordance with these terms and conditions. The material and every constitute part thereof, whether in possession or control of the supplier, his agents or servants or a Carrier or in the joint possession of the supplier, his agents, servants and the purchaser, shall remain in every respect at the risk of supplier until its actual delivery to the consignee at the stipulated place or destination. The supplier shall be responsible for all loss, destruction, damage or deterioration of or to the material from any cause whatsoever while the material after test and inspection is awaiting dispatch or delivery in course of transit from the supplier to the consignee. The supplier shall alone be entitled and responsible to make claims against the carrier in respect of non delivery, mis-delivery, short delivery, loss, destruction, damage or of the deteriorated material entrusted to such carrier by the supplier for transmission to the consignee.

(ii) CONSIGNEE'S RIGHT OF REJECTION

Notwithstanding any approval which the purchaser may have given in respect of the material, it shall be lawful for the consignee to reject the material or any part thereof on behalf of the purchaser within a reasonable time after actual delivery thereof to him at the place or destination specified in Annexure 'B' if the material or any part or portion thereof is not in all respects in conformity with the terms and conditions of the contract whether on account of any loss, deterioration or damage before dispatch or delivery or during transit or otherwise howsoever.

The provision contained in clause 14 (vi) below relating to the removal of material rejected by the purchaser or his authorised agent shall, mutatis mutandis, apply to material rejected by the consignee as herein provided.



(iii) **SUBLETTING AND ASSIGNMENT:**

The supplier shall not save with the previous consent in writing of the purchaser sublet, transfer or assign the contract or any part thereof or interest therein or behalf or advantage thereof in any manner whatsoever.

5. ASSISTANCE TO SUPPLIER

The supplier shall be solely responsible to procure any raw material, license or permit required for the fulfillment of the contract. Any assistance for the procurement or attempt to tender assistance in the matter aforesaid, shall not be construed or constitute any promise, undertaking or assurance on the part of the purchaser regarding the procurement of the same to effect any variation in the rights and liabilities of the parties under the contract.

6. SECURITY DEPOSIT

- i) The earnest money furnished by the successful tenderers to whom the purchase order/ contract is allotted shall be refunded within 7 days from the verification received from the concerned Bank of performance guarantee as per contract (performa enclosed as **Annexure-VI**) by the accounts wing/DDO. The earnest money of lowest (L-2) shall be released after submission of performance Bank Guarantee by the successful bidder i.e. L-1. For remaining participating firms, EMD shall be refunded after finalization of the procurement case.
- ii) BG shall be retained by the purchaser for the period valid for 90 days after the expiry of warranty period as per clause of 'WARRANTY'.
- iii) No claim of the supplier shall lie against the purchaser either in respect of interest or any depreciation in the value of security deposit.
- iv) If, the supplier fails or neglects to observe or perform any of his obligations under this contract, it shall be lawful for the purchaser to forfeit at his absolute discretion, the Available EMD shall be forfeited and BG shall be encashed besides invoking clauses no. 21 & 28 i.e "Termination of Contract for default" & "Blacklisting of Firm" respectively.

The ibid forfeiture of EMD and encashment of BG shall be without prejudice to the right of the purchaser to recover any further amount of any liquidated and/or other damages, undue payment or overpayment made to the supplier under this contract and / or any other contract.

7. MATERIAL, SPECIFICATIONS, PRICES, ETC.

- i- The supplier shall supply the quantities of different items of material within the NIT of the best quality, workmanship and strictly in accordance with the prescribed specifications (**Annexure A**) and rates shown against each, unless any deviation in specification has been expressly pointed out in the purchase order.

The rates offered by the supplier and subsequently finalized shall remain Variable / FIRM as specified in Particular Conditions of Schedule-D (Part-II) of NIT documents.

ii- **Periodical Assessment of Rate and Undertaking for Price Fall.**

- a) **Periodical Assessment of Rate:**



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Since the Rate Contract is for one year thus the rates as finalized will be assessed/verified by the Nodal Agency periodically. In case a downward trend in their market rates are observed. The Nigam shall have the right to review the rates time to time.

b) Price Fall Clause:

- i) The prices charged for the material supplied under the rate contract by the firm shall in no way exceed the lowest price at which the firm sales the material to any person/organization Including the purchaser or any other department of the central Govt. or any Deptt. of the State Govt. or any Statutory Undertaking of the Central or State Govt. as the case may be during the delivery period till performance of all supply orders placed during the currency of the rate contracts is completed.
- ii) If at any time during the said period, the firm reduces the rates of the material as contained/ described in the contract or offer to sell such material to any person / Organization including the purchaser or any Deptt. of Central Govt. or any Deptt. of the State Govt. or any Statutory Undertaking of the Central or State Govt. as the case may be, at price lower than the price chargeable under the rate contract, shall forthwith notify such reduction / sale or offer to sale to the Nigam and the price payable under the rate contract for the material supplied after the date of coming into force of such reduction or sale offer to sale, shall stand correspondingly reduced.
- iii) The firm shall furnish the following certificate to the concerned Consignee's along with each bill against the rate contract:-

"I / we certify that there has been no reduction in sale price of the material of description identical to the material supplied to Nigam under the rate contract herein and such material has not been offered and sold by me / us to any person / organization including the purchase of any Deptts. of the Central Govt., any Deptts. of the State Govt., any statutory undertaking of the Central or State Govt. as the case may be upto the date of bill/ date of completion of supplies against all supply orders placed during the currency of the rate contract at prices lower than the prices charged to Nigam under the rate contract".

8. SAMPLE :- This clause shall be applicable as specified in Particular conditions of Schedule-D (Part-II)

9. (i) DELIVERY

The supplier shall deliver the material in accordance with the terms and conditions of the contract at the time/times and at the place/places and in the manner specified in the Annexure 'B' attached thereto. In case the due date of delivery in terms of delivery schedule falls on a holiday including Sunday or holiday is subsequently declared on that date, the firm shall be required to complete the supply by the first working day falling next to the due date.

(ii) TIME FOR AND DATE OF DELIVERY; THE ESSENCE OF THE CONTRACT.

The time for and the date of delivery of the material stipulated in the Annexure 'B' purchase order shall be the essence of the contract and delivery



must be completed not later than the date (s) as specified in Annexure 'B'/purchase order.

(iii) **NOTIFICATION OF DELIVERY:**

Notification of delivery of dispatch in regard to each and every consignment shall be made to the purchaser and respective consignees. The supplier shall supply to consignee a packing account and full details of the contents of the package and quantity of material in order to enable the consignee to check the material on arrival at destination.

(iv) **Early Supplies:-** This clause shall be applicable as specified in Particular Conditions of Schedule- D (Part-II).

(v) **DAMAGES FOR DELAY IN DELIVERY:**

The delivery of material as per the Annexure "B" attached to the Terms and Conditions of Contract (Schedule 'D') shall be the essence of the contract between the supplier and the Nigam and the delivery of such consignment must accordingly be insisted upon the date it is due in terms thereof.

No supplies/consignments received after the due date, on which they were actually due according to the terms of the purchase order, shall be accepted by the consignee except, with the approval of the purchasing authority.

In case the purchasing authority decides to accept a delayed supply, the supplier shall be liable to pay penalty @ one half of one percent per week or part thereof of the value of goods so delayed subject to a maximum of 5% of the total value of the delayed supplies. In case the delivery schedule provides lot wise delivery of material, lot wise penalty shall be imposed.

(vi) **PASSING OF A PROPERTY:**

Property in the material shall not pass to the purchaser unless and until the material has been delivered to the consignee, in accordance with the terms and conditions.

(vii) **TAKING OVER CERTIFICATES:**

The consignee (s) shall issue a taking over certificate after the material has been received at site (s), taken into possession, inspected, counted, measured and the supplier has supplied the copies of tests and inspection-certificate, if any, vide clause-14 "Test and Inspection".

10. FORCE MAJEURE:

The supplier shall not be liable for any loss or damage due to delay in manufacture or delivery of the material for reason arising out of compliance with regulations, orders or instructions of Central/ State Govt.. Acts of God, acts of Civil and Military authorities, fires, floods, strikes, Lockouts, freight embargoes, war-risk, riots and civil commotion.

Whenever the supplier is not in a position to supply the material within the delivery period and he wants extension in the due date (s) of delivery under this



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clause, he will request for such extension of the delivery period alongwith all necessary evidence, before the expiry of the scheduled date(s) of delivery. In no case, the delivery period shall be extended under this clause, in case the request is received after the due date of delivery has expired. Extension in the delivery period may be granted only for the period for which the completion of the work is proved by the supplier to have been delayed for circumstances mentioned in this clause.

In all such cases, the Nigam shall have the option to accept any portion of the balance material and cancel the order for the rest, provided, however, if any material had been

manufactured exclusively for the purchaser under this contract prior to the commencement of the force majeure circumstances, it shall be accepted by the purchaser and secondly, the cancellation will be without any liability for damages on the part of the supplier.

The decision of the purchaser in all matters under this clause shall be final and binding on the supplier.

Non-availability of raw material or any other similar cause shall not be considered as a force majeure circumstance.

11. **WARRANTY:** - This clause shall be applicable as specified in Particular Conditions of Schedule- D (Part-II).

12. **DRAWINGS:** - This clause shall be applicable as specified in Particular Conditions of Schedule- D (Part-II).

13. **MISTAKES IN DRAWINGS:** This clause shall be applicable as specified in Particular Conditions of Schedule- D (Part-II).

14. **TESTS AND INSPECTION:**

The material shall be inspected and tested by the purchaser or his authorised agent before dispatch unless dispensed with in writing by the purchaser. The Supplier shall give to the purchaser at least 10 days advance notice from the date of readiness of material for such inspection and test.

The Inspection call will be generated in a pre-specified format as per **Annexure – IV**.

The vendor /supplier shall also provide a copy of approved QAP, drawings along with the inspection call. Vendor / supplier should give it in writing that he is ready for the inspection.

On receipt of the advance notice from the supplier offering the material for inspection the purchasing authority will get the material inspected and issue the dispatch authorization within 20 days. In case the Inspecting Officer finds on arrival at the supplier's premises that the material was not ready for inspection and that the notice given by the supplier was unfruitful, the firm shall be liable to bear actual expenditure incurred by the Nigam on this account plus a fixed penalty of Rs. 20, 000/- for each such call made by the supplier. In addition to above a fixed amount of Rs. 10,000 per officer per-day would also be payable by the bidder in case inspecting officer deputed by Nigam and in case of 3rd party inspector, the amount of bills submitted by them. In case of joint inspection, the bidder shall be liable to pay Rs.



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10,000 per man-day for the Nigam's inspector and amount of actual bills submitted by the 3rd party agency.

In case the material offered for inspection fails in 1st inspection, the Nigam will have the right to levy a penalty at 0.25 % of the value of offered material. In case the material offered for inspection fail during the 2nd inspection, the Nigam will have the right to increase the penalty to 0.5% of the value of offered material. In case, the material offered fails during the 3rd and final inspection also, the firm will be liable for penal action viz. encashment of BG, debarring/ blacklisting in future and no further opportunity for inspection would be provided to the supplier firm.

i) **FACILITIES FOR TESTS AND INSPECTION:**

The Supplier shall, at his own expense, afford to the Purchaser or his authorised agent, all reasonable facilities and such accommodation as may be necessary for such tests and inspection. The Purchaser or his authorised agent shall have full and free access

at any time, during the execution of the contract to the supplier's work for the purpose aforesaid, and he may require the Supplier to make arrangement for inspection of the material or any part thereof at his premises or at any other place specified by the Purchaser or his authorised agent.

- ii) The Supplier shall provide, without any extra charges, all materials, tools labour and assistance of every kind which the Purchaser or his authorised agent may demand of him for any test and inspection. The purchaser or the authorised agent, shall in his sole judgment, be entitled to remove for tests and inspection any of the material to any premises other than his (Supplier's) premises.

iii) **LIABILITY FOR COSTS OF LABORATORY TEST:**

In the event of rejection of material or any part thereof by the purchaser or his authorized agent which is removed to the Laboratory or other place of test, the Supplier, on demand, shall pay to the Purchaser all costs incurred in such removal.

iv) **METHOD OF TESTING:**

The Purchaser or his authorized agent shall have the right to put all the material or part thereof to such tests as he may think fit and proper. The supplier shall not be entitled to object on any ground whatsoever to the method of testing by the purchaser or his authorized agent.

- v) The Supplier shall mark or permit the purchaser or his authorized agent to mark all the approved material with a recognized Purchaser's mark. The material which cannot be so marked, shall, if so, required by the Purchaser or his authorized agent, be packed in suitable packages or cases which shall be sealed and marked with such mark.

vi) **REMOVAL OF REJECTED MATERIAL:**

If any material is rejected by the Purchaser or his authorized agent after tests and inspection or by the consignee, the material so rejected shall be removed from the premises of rejection by the supplier at his own cost. Such rejected material shall under all circumstances lie at the risk of the Supplier from the moment of such



rejection; and if such material is not removed by the Supplier within a period of 45 days, from the date of notice given by the consignee/Purchasing Department for lifting of such material, Purchaser or his authorized Agent or consignee may dispose of such material in any way at the Supplier's risk and cost and retain such portion of the proceeds as may be necessary to cover any expense incurred in connection with such disposal and shall also be entitled to recover handling and storage charges for the period during which the rejected material is not removed.

vii) **CERTIFICATE OF TEST & INSPECTION**

When the test and inspection have been satisfactory carried out by the purchaser or his representative, the purchaser or his authorized representative shall issue a communication to that effect, the material will then be dispatched by the Supplier according to dispatch instructions of the Purchaser or his authorized representative vide Clause-19 Dispatch Instructions.

viii) **POST RECEIPT INSPECTION:**

The material after receipt in the stores of the Nigam shall be subjected to inspection for its conformity to the specification by a representative of the Nigam in the presence of representative of the contractor/supplier after issuance of e-mail notice/telephonic communication to the supplier/ contractor. In case the firm fails to depute a representative on the specified date, the Nigam would be free to get the material checked in the absence of firms representative for which the firm would have no reason to protest at any stage and would be fully responsible of the outcome.

ix) **TYPE TEST CONDITIONS:** This clause shall be applicable as specified in Particular Conditions of schedule-D (Part-II)

x) **Non – conformance of material with provisions of technical specification:** -
The material offered/received after the inspection by the authorized inspecting officer may again be subjected to the test for losses or any other parameter from any Testing House/in-house technique of the Nigam & the results if found deviating, un-acceptable or not complying to approved GTP, the lot shall be rejected and bidder shall arrange to supply the replacement within forty-five (45) days of such detection at his cost including to and fro transportation. In addition to this, a penalty @ 5% of cost of the rejected lot of material shall be imposed. The rejected material shall be lifted back by firm only after replacement with fresh material or by submission of additional BG of equivalent to the cost of material. This BG shall be released when the replacement of material with fresh material received in the Nigam Stores and material is accepted by the Nigam.

15. VAT/ CENTRAL SALE TAX

The Purchaser shall pay Central Sale Tax /Value Added Tax at the prescribed rates (if applicable) on the production of the following Certificates by the supplier in triplicate:

- i) Certified that the transaction in which the sales tax /Value Added Tax has been claimed has been/will be included in the return submitted/to be submitted to the Taxation authorities for the assessment of Central Sales Tax and amount claimed from the Haryana DISCOMs has been/shall be paid to the Sales Tax authorities.
- ii) Certified that the goods on which the Sales Tax /Value Added Tax has been



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- charged in Bill No. _____ dt. _____ for Rs. _____ have not been exempted under the Central Sales Tax Act 1956/ Haryana VAT Act 2003 or the rules made thereunder and the charges on account of Sales Tax on these goods are correct under the provision of the relevant Act or the Rules made thereunder.
- iii) Certified that we shall always indemnify the Haryana DISCOMs in case it is found at a later stage, that wrong or incorrect payment had been recovered on account of Sales Tax paid/to be paid by us.
- iv) Certified that we are registered as a dealer under the Central / State Sales Tax/ VAT and our registration No. is _____.

Provided that in respect of the item at Sr. _____ and of clause – 7 which are required by the Nigam for use on the generation and distribution of electrical energy to the Public, no Haryana Sales Tax/VAT shall be payable as they are exempted under Section-27, Sub-section (I)(a)(III) of Haryana General Sales Tax Act 1973.

16. DOCUMENTATION :

- i) All bills and/or invoices whether in respect of an advance payment or full payment, shall contain complete details of Code No., name of the item, description of material supplied, quantity supplied, rates, details of extra claims, etc. as well as the name of the consignee who received the material, shall be submitted in triplicate, duly accompanied by the receipted good challan, inspection note/test certificate in original, prescribed sales tax/ excise duty certificates, documentary evidence regarding transportation of the material from the place of manufacturing to the contractor and then from contractor to the Nigam and excise duty gate pass, where required.
- ii) All freight charges whether paid or to pay, and whether chargeable to the Nigam or included in the quoted price, shall be shown in the invoice separately.
- iii) All bills and/ or invoices shall be sent by the supplier to:

for payment.

17. TERMS OF PAYMENT : This clause shall be applicable as specified in Particular Conditions of Schedule-D (Part-II)

18. NEGLIGENCE:

If the supplier shall neglect to execute the supply contract with due diligence and expedition or shall refuse or neglect to comply with any reasonable orders given in writing by the purchaser or his authorized agent in connection with this contract or shall contravene this provision of the contract, the purchaser may give 15 days notice in writing to the supplier to make good the failure, neglect or contravention complained of and should the Supplier fail to comply with the notice within the above said time from the date of service thereof (in case of failure,



neglect or contravention capable of being made good, within that time or otherwise within such time as may be reasonably necessary for making it good), then in such case, the purchaser shall be at liberty to take the work wholly or in part out of Supplier's hand and re-contract at a reasonable price with any other person (s). in such event, it shall be lawful for the purchaser to retain any balance which may otherwise be due by him to the Supplier on any account, and apply the same towards the execution of the whole of balance of the supply contract so re-contracted, as aforesaid, if no such balance is due by him to the supplier or if due, is not sufficient to cover the amount thus recoverable from the supplier, it shall be lawful for the purchase to recover the whole or the balance of the amount from the supplier by action at law or otherwise. The remedy under this clause will be in addition to and without prejudice to right available to the purchaser under other clause of these terms and conditions.

19. DESPATCH OF MATERIAL AND DESPATCH INSTRUCTIONS:

The supplier shall be responsible to obtain complete Dispatch instructions from the purchaser before the dispatch of each consignment.

The supplier shall sufficiently pack at his own cost the material for transit so as to ensure this being free from loss or damage on arrival without opening the packages while in transit at their destination. All containers in which the material is supplied shall be non returnable.

20. REPLACEMENT AND REJECTION:

Material found sub-standard or defective or not conforming to the prescribed specification in any manner, at consignee's end shall not be accepted and intimation to this effect shall be given to the supplier, the purchasing authority and the Controller of Stores by the consignee. The purchasing authority shall promptly take up the matter with the supplier and ask him to rectify or replace the defective/sub-standard material forthwith and in any case within a period of 45 days from the date of intimation about such defective material by the stores wing, failing which, the Nigam shall reserve the right to get the defect rectified at the supplier's cost or to withhold the amount equal to cost of defective material. The supplier shall also be intimated that all expenses involved in the replacement by way of handling, transportation, storage, etc. shall be to their account. The payments so withheld shall be released after the receipt of repaired/replacement material. In case, the supplier still does not respond for lifting the defective material, despite continuous follow-up, the procedure as prescribed in as per clause no. 21 read with sub-clause 28.1 (a & b) shall be invoked for termination of contract, encashment of BG, imposing LD charges @ 5% of the value of defective/ rejected/ undelivered material and initiation of action for blacklisting etc. Even after expiry of 90 days, if there is no response from the firm, Nigam can deduct the cost of the defective equipments/material from the pending liabilities of the firm, including encashment of the BG of the firm, available with Nigam against the same P.O. or in other cases.

If there is sufficient financial cover against the same or other P.O.s available then the principal supplier can lift the material against the financial cover of same P.O.s. If the financial cover falls short of cost of material to be lifted for repair/replacement than either he would have to deposit the BG of the balance cost of the equipments through DD or cost thereof in cash.

In respect of the defective/sub-standard supplies, the date on which such a supply is replaced shall be reckoned as the effective date of delivery there against



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and the delay shall be worked out accordingly with reference to the date on which the supply was due as per the terms of contract, for the purpose of determining penalties/liquidated damages recoverable under Clause 9 (v).

21. TERMINATION OF CONTRACT FOR DEFAULT

21.1 The purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, terminate the contract in whole or in part:

- a) If the supplier fails to deliver any or all of the stores within the time period(s) specified in the contract, or any extension thereof granted by the Purchaser; or
- b) If the supplier fails to perform any other obligation under the contract within the period specified in the contract or any extension thereof granted by the purchaser.
- c) If the supplier, in the judgment of the purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the contract (The definition of corrupt or fraudulent practices defined under clause-25).

21.2 In the event the purchaser terminate the contract in whole or in part. Available EMD submitted by the firm/supplier shall be forfeited and available BG shall be got encashed towards recovery of LD Charges and any other dues from the firm.

22. SET-OFF:

Any sum of money due and payable to the supplier under the contract (including Security deposit returnable to the supplier) may be appropriated by the purchaser and set-off against any claim of the purchaser for the payment of a sum of money arising out of or under this contract or any other contract entered into by the supplier with the purchaser.

23. SUPPLIER'S DEFAULT LIABILITY :

In the event of breach of any these terms and conditions by the supplier, the purchaser can terminate the contract without Notice to the supplier at any stage and the supplier shall have no claim whatsoever on the purchaser on this account. But the supplier shall be liable to pay to the purchaser a sum equivalent to 5% of the value of the undelivered material as liquidated damages and not as a penalty.

24. LAWS GOVERNING THE CONTRACT

- (i) This contract shall be governed by the Laws of India for the time being in force.
- (ii) Irrespective of the place of delivery place of performance or place of payment under the contract, the contract shall be deemed to have been made at the place from which the acceptance of tender has been issued.
- (iii) Jurisdiction of courts: The courts of the place from where the acceptance of tender has been issued shall alone have exclusive jurisdiction to decide any dispute arising out of or in respect of the contract.

25. Corrupt or Fraudulent Practices

The Nigam requires that Tenderers/ Suppliers/ Contractors observe the highest standard of ethics during the procurement and execution of Nigam contracts. In pursuance of this policy, the Nigam:-



- (a) Defines, for the purposes of this provision, the terms set forth as follows:
- (i) "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution: and
- (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Nigam, and includes collusive practice among Tenderers (prior to or after tender submission) designed to establish tender prices at artificial, non-competitive levels and to deprive the Nigam of the benefits of free and open competition;
- (b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- (c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Nigam contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Nigam contract.

26. PATENT RIGHTS

The supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.

In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof in the Purchaser's country, the supplier shall act expeditiously to extinguish such claim. If the supplier fails to comply and the Purchaser is required to pay compensation to a third party resulting from such infringement, the supplier shall be responsible for the compensation including all expenses, court costs and lawyer fees. The Purchaser will give notice to the supplier of such claim, if it is made, without delay.

27. SETTLEMENT OF DISPUTES

If any dispute or difference of any kind whatsoever arises between the Purchaser and the Supplier in connection with or arising out of the Contract, the parties will make every effort to resolve amicably such dispute or difference by mutual consultation.

If, after thirty (30) days the parties failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of the matter may be commenced unless such notice is given.

28. Blacklisting of the Firms:

As the purchase order becomes a valid contract between the purchaser and supplier on the date of its issue, no further changes in the terms and conditions thereof are permissible and any request received in this regard from the supplier should be summarily rejected, making it clear to supply the goods strictly in



accordance with the terms and conditions of the contract. It should be noted that such a liability can be enforced on the supplier only if the purchase order does not contain any term or condition contrary to what had been quoted in the supplier's tender. Once this is ensured, any attempt by the supplier to back out of his commitment should be taken seriously and his earnest money deposited be forfeited forthwith, without prejudice to any further legal remedies open to the Nigam under the relevant laws. Where necessary, the case of supplier illegally backing out of the commitment, should also be put up to the Board of Directors for consideration and to decide for black-listing of the firm and damages, if any, to be recovered

28.1. Procedure for Blacklisting of firm

In case the supplier intends to illegally back out of the commitment, the steps for blacklisting of the firm, besides enforcement of damages recoverable under the law will be taken as per procedure given below:-

- a) *A notice shall be served by the purchasing department on the supplier by registered post/speed post bringing his defaults to his notice and asking him to complete all pending supplies / or to settle dispute within a period of 15 days from the date of issue of Notice.*
- b) *In case the firm fails to comply with the notice(s), a show Cause notice of 21 days shall be issued why the firm/supplier/contractor should not be blacklisted. In the Show Cause Notice complete details of the case, default committed by the firm/supplier/contractor and details of notices issued by the Nigam shall be incorporated.*
- c) *In case the supplier/firm/contractor fails to comply with the notice issued for blacklisting or does not respond to show cause notice or the reply as submitted is not found justified/convincing. The contract with the firm/supplier shall be terminated inter-alia taking other action as per regulation no. 20 & further the firm may be blacklisted with the approval of BODs.*
- d) *The period of blacklisting of the defaulting firm/ supplier/contractor will be approved upto 3 years by BOD's and shall be notified to all Power Utilities in the country and the names of such blacklisted supplier/contractor would also be put on the website of the Nigam*

29. ARBITRATION

All the matters, questions, disputes, differences and / or claims arising out of and /or concerning and /or in connection and /or relating to this contract whether or not obligations of either or both parties under this contract be subsisting at the time of such dispute and whether or not this contract has been terminated or purported to be terminated or completed, shall be referred to the Sole Arbitrator to be nominated by Managing Director/DHBVNL or UHBVNL (as the case may be). The Award of the Arbitrator shall be final and binding on the Parties to this contract. Provisions of the Arbitration & conciliation Act, 1996 and the Rules made there under, the statutory modifications thereof for the time being in force, shall be deemed to apply to the Arbitration proceedings under this clause.

Place :

Date :

Signature of the Supplier.



SCHEDULE 'D'

(Part-II, Particular Conditions of Contract)

UTTAR/ DAKSHIN HARYANA BIJLI VITRAN NIGAM LIMITED

PARTICULAR TERMS AND CONDITIONS FOR PROCUREMENT OF EQUIPMENT STORES AND OTHER MATERIAL UNDER THE RATE CONTRACT

The below mentioned terms & conditions shall be applicable in addition to the terms & conditions mentioned in Part-I of Schedule D

1) PRICE :-

The prices quoted shall be 'FIRM' and 'FOR' destination basis anywhere in Haryana. The breakup of prices quoted viz. Ex-works prices, excise duty, cess, sales tax, freight and insurance etc. should be clearly given in schedule of prices as per details in the enclosed Performa, which is a must.

2) SAMPLE : Not applicable

3) Delivery:

i) Acceptance Early Supplies

a) In case the material is required early by the Nigam and the purchasing authority requests for the same, then the payment would be regulated as per PO provisions i.e. actual delivery (physical) date shall be considered as due date of delivery.

b) in case any firm supplied the material earlier than the actual due date of supply, then the payment procedure/terms shall remain the same as per terms and conditions and lots due date mentioned in the relevant PO/work order.

ii) Acceptance of delay supply :-

In case of lot wise delayed supply or else, the same may be considered and accepted by the purchaser with levy of penalty as per provision of PO.

4) Warranty:-

The supplier shall be made responsible to replace free of cost, with no transportation or insurance-cost to the Nigam, up to the destination, the whole or any part of the material which in normal and proper use proves defective in quality or workmanship, subject to the condition that the defect is noticed within 18 months



from the date the material is received by the consignee or 12 months from the date of installation of the goods which ever period may expire earlier. The consignee or any other officer of the Nigam actually using the material will give prompt notice of each such defect to the supplier as well as the Purchasing authority and the Controller of Stores. The replacement shall be effected by the supplier within a reasonable time, but not, in any case, exceeding 45 days. The supplier shall also arrange to remove the defective supply within a reasonable period but not exceeding 45 days from the date of issue of the notice in respect thereof, but only after replacement of defective material. Upon the firm failing to do so, the damages/defects may be got rectified by the Nigam and the cost adjusted from the firm's pending dues and/or security deposit against this or any other contract in force and the balance left be got deposited by the supplier. The Nigam may also withhold the amount equal to cost of defective material.

The warranty for 18/12 months shall be one time.

In addition to above, warranty should be extended by the supplier for the period for which the service was not rendered by the material/equipment supplied by the supplier which would be allowable for one occasion only. In case of recurrence, the material/ equipment shall have to be replaced afresh or cost of the material shall be recoverable from the pending liabilities of the supplier/contractor towards Nigam.

After completion of overall warranty period, if it is found that any material defective/damaged within warranty period is still lying in the store/field/with the firm then equivalent amount of cost of material as BG shall be accepted. After receipt of fresh BG, the old BG should be released.

In case of breach of contractual obligations with reference to non responding for repairing /replacement of defective material, notices of 15 days & 21 days shall be issued to the firm and in case of still persistence of default, the Nigam shall reserve the right to terminate the contract, encashment of BG towards recovery of damages and further initiation of action for blacklisting.

- 5) **DRAWINGS:- Not applicable**
- 6) **MISTAKES IN DRAWINGS: Not applicable**
- 7) **POST RECEIPT INSPECTION AND SAMPLE TESTING AFTER RECEIPT OF MATERIAL IN NIGAM STORES:-**

Nigam intends to purchase only High Quality material. For this purpose stringent testing of the material shall be done as per Nigam's Quality Assurance Plan (QAP) .

- a) A team of 2 XENs to be nominated by Chief Engineer/MM will carry out random checking to ensure quality and quantity of material received in Nigam's stores.
- b) The team will draw sample from each lot received in anyone of the stores to carry out checking as under:-
 - Genuineness of seals provided during inspection
 - Workmanship of material received in store



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- Quantity of material inspected viz-a-viz received quantity.
- Quality of material received in the store.

c) The above said inspection / checking would be carried out to check all physical parameters as per approved technical specifications of the Nigam / Engineering Design / Drawings.

The above said team may draw samples randomly for any material for its testing from any NABL accredited testing lab as approved by the Nigam. **Normally, one sample from any of the lots, (to be decided by purchasing authority) shall be sent to NABL accredited lab (Govt. /Semi Govt. / Private Lab) to carry out the acceptance tests, at Nigam's cost.** If sample fails the entire lot shall be rejected and cost of testing shall be charged from the firm. However, testing of 2nd sample of the same lot may be considered on justified request of the firm & with the approval of Director/Projects **to be decided on merits of each case. In case, 2nd sample is rejected, the entire lot shall be rejected.**

In case of failure of sample from the lot then:-

- Supplier shall have to replace the full quantity of the respective inspected lot supplied to various stores and lying unused at stores as per provision contained under clause no.14(x) of Schedule-D (Part-I).
- For the quantity already utilized against the aforementioned lot in field then a deduction @ 15% (Fifteen Percent) of FOR destination prices of the material utilized shall be made.

8) TYPE TEST CONDITIONS:

The firm/s shall be required to submit the type test certificates as per Nigam's Technical Specifications and relevant ISS along with the tender documents, which should not be more than five years old on the date of opening of tender. Alternatively, the firm/s shall submit an undertaking that the requisite type test certificates shall be submitted within 45 days from the date of issuance of RC. The purchaser departments shall approve the GTPs and type tests within 10 days from the date of receipt all the requisite type test certificates.

In case any difference between ISS & Nigam technical specifications, the type test certificates (incorporating the remaining tests, if applicable) issued by NABL accredited testing houses/Govt. approved lab besides international testing house/labs like KEMA, KERI etc. will be supplied by the bidder within 45 days from the date of issue of Rate Contract.

The type test certificates should be as per IS with latest amendment which will be supplied by the firm for approval of drawing and GTPs, unless stated otherwise specifically.

In case of delay in submission of detailed type test certificates beyond 45 days from the date of issue of RC, penalty @ 0.05% per day subject to maximum 2% of the contract value shall be imposed.

Note: Delay in submission of type test by firm shall not form the basis for relaxation/ extension in delivery schedule in any case.

9) TERMS OF PAYMENT:-



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Subject to any deductions which the purchaser may be authorized to make under this contract, the payment for the material shall be made as under:-

- (a) One hundred percent payment shall be made on 30th day from the date of receipt of material by the consignee or date of submission of documents i.e. bills/invoices in triplicate, receipted challans inspection report, prescribed sale tax/excise duty certificates and excise duty gate pass, wherever required etc., whichever is later.
- (b) The Bank Guarantee of the value of 10% [5% in case of Haryana based micro and small enterprises (including khadi and village industries units)] of the contract price of PO for complete requisite period shall be furnished within 15 days from the date of issue of PO which should remain valid for 90 days after the expiry of warranty period (the BG shall be issued by any Nationalized /Private Bank in India, failing which:
 - i) Penalty @ 0.05% per day of the value of BG with a ceiling of 2% of value of BG would be charged from due date of submission, till the BG or DD in lieu of BG is submitted by the firm.
 - ii) In case the performance bank guarantee or DD in lieu of performance security is not submitted within 45 days from the date of issue of PO or the date if any stipulated by the purchasing authority, the Nigam reserve the right to cancel the PO/RC and initiate the action for allotment to L-2 firm.
 - iii) In the event of receipt of material without the receipt of BG, amount equivalent to BG alongwith penalty shall be deducted from the payments due to the supplier. However, on receipt of requisite BG from the firm, the amount deducted in lieu of the BG only, shall be refunded without accrual of any interest thereon and amount of penalty so deducted shall not be refunded.

Further a rebate of 0.05 percent per day shall be availed of by the Nigam if payment is made earlier than the period specified. The rebate will be calculated on the payable amount.

The delay in payment to the suppliers beyond the stipulated credit period indicated in the supply order, unless supported by cogent reasons and approved by a higher authority, would attract penal interest on the defaulting amount @ Rs. 25/- per one lac per day of delay beyond the credit stipulated period. Payment of such interests would be brought to the notice of Administrative Secretary of the department and call for fixation of responsibility. In case of delayed supply duly accepted by the purchasing authority, no penal interest on the same shall be applicable.

In case the due date of payment in terms of payment schedule falls on a holiday including Sunday or holiday is subsequently declared on that date, the payment shall be released on the first working day falling next to the due date.

Place :

Date :

Signature of the Supplier.



Annexure-III

PARTICULARS OF THE BIDDER

1.	Name of the firm	
2.	Postal address.	
3.	Telephone No.	
4.	Fax No.	
5.	Email.	
6.	Type of organization:	
7.	Date of commencement of business.	
8.	Name of proprietor / Partners / Directors and their detail Bio-data.	Page _____ to _____ page
9.	Details of offices other than H.O./Controlling office and other infrastructure available.	Page _____ to _____ page
10.	Detailed organizational structure with background of key personnel.	Page _____ to _____ page
11.	Type of service being offered.	Page _____ to _____ page
12.	List of clients' alongwith their addresses and contact telephone. Fax Nos. and type of services offered and/or being offered to them. a) Electricity Companies/ Board. b) Others.	Page _____ to _____ page Page _____ to _____ page



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13.	Details of Empanelment accreditation Electricity Board/Companies/other Client alongwith empanelment/ accreditation letter.	Page _____to _____page
14.	Balance sheet and P&L Accounts of past 3 financial years.	Page _____to _____page
15.	Letters/certificates for successful completion of work from Electricity Companies/ Board/other.	Page _____to _____page
16.	Details of any collaboration/ tie up with Indian/Overseas Agency/Organization.	Page _____to _____page
17.	Any other additional information/certificate.	Page _____to _____page
18.	Details of work force with the agency.	



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ANNEXURE 'A' TO SCHEDULE 'D' (Part-I)

Specification No. CSC-XIII-R-II/DH/UH/P&D/2015-16

TECHNICAL SPECIFICATION

For

FOUR CORE & TWO CORE PVC INSULATED

&

PVC SHEATHED LT ARMOURED CABLES

Issue of Month: -
(CSC approval dated 22.03.16)

Common Specification Committee
UHBVN & DHBVN



Technical Specification for Four Core and Two Core PVC Insulated & PVC Insulated & PVC Sheathed LT Armoured Cables.

1. SCOPE:

- 1.1 This section provides for manufacture, testing before dispatch, supply and delivery F.O.R. destination of 4 Core & 2 Core PVC insulated and PVC sheathed armoured circular cables with aluminum conductor suitable for working voltage up to & including 1100 Volts ISI marked & conforming to IS 1554 (Pt-I)1988 with latest amendments.

2. STANDARDS:

2.1	IS: 1554 (Pt-I)/1988	PVC Insulated (heavy duty) electric cable for working voltages up to and including cables.
2.2	IS: 8130/1984	Conductors for insulated cables
2.3	IS: 5931/1984	PVC insulation and sheath of electric cables
2.4	IS: 10810/1984	Method of test for cables
2.5	IS: 3975/1979	Galvanized steel wire/strips
2.6	IS: 10418/1982	Drums for electric cables

3. CLIMATIC CONDITION

The equipment/material to be supplied against this specification shall be suitable for satisfactory operation under the following climatic Conditions.

I.	Location	At various locations in the state of Haryana
II.	Maximum ambient temperature (°C)	60
III.	Maximum ambient air temperature (°C)	-5
IV.	Maximum average daily ambient temperature (°C)	40
V.	Maximum yearly weighed average ambient temperature (°C)	32
VI.	Maximum altitude above mean sea level (m)	1000
VII.	Minimum Relative Humidity (%)	26
VIII.	Maximum Relative Humidity (%)	95
IX.	Average no of Rainy days/year	120
X.	Average annual rainfall	900 mm
XI.	Maximum wind pressure	195 kg/m sq.

The equipment shall be for use in moderately hot and humid tropical climate, conducive to rust and fungus growth.



4. GENERAL REQUIREMENT:

- 4.1 The ISI marked PVC insulated Armored cables shall conform to IS: 1554 (Pt-I)/1988 with latest amendment and bear BIS certification mark. The material used for construction of the cables shall be of best qualities complying with the requirement of IS: 1154(Pt-I)/1988 and other relevant standards. The cables shall be suitable for outdoor/indoor installation free in air and shall be capable of withstanding the normal stresses associated with transportation, erection, reeling and unreeling operations without getting deformed.
- 4.2 The cable shall be suitable for use where combination of ambient temperature and temperature rise due to load results in a conductor temperature not exceeding 70 degree C under normal operation and 160 degree C under short circuit condition.
- 4.3 The PVC insulated Armored LT Cable shall be ISI marked. The tenderer (MANUFACTURER) must furnish valid ISI certificate along with offer.

5. MATERIAL:

5.1 CONDUCTOR:

The conductor shall be composed of aluminum wire complying with IS; 8130/1984 with latest amendments.

5.2 INSULATION:

Insulation shall be Type- A PVC composed of aluminum wire complying with IS: 8130/1984 with latest amendments.

5.3 FILLERS:

- 5.3.1 The filler shall be of vulcanized rubber, un-vulcanized rubber or Thermoplastic material and shall be provided to fill the gaps between cores.
- 5.3.2 The filler material shall be so chosen so as to be compatible with temperature of the cable and shall have no deleterious effect on other components of the cable. These shall not be harder than PVC used for insulation and outer sheath respectively.

5.4 ARMOURING:

Armoring shall be of galvanized round steel wires for cable size 6 Sq. mm whereas armoring shall be of galvanized steel strips for cable sizes above 6 Sq. mm.

5.5 OUTER SHEATH:

The outer sheath shall consist of type ST-1 PVC Compound conforming to the requirements of IS: 5831/1984.

6. CONSTRUCTION:

6.1 CONDUCTOR:

The construction of the conductor shall be stranded for cable size above 10Sq. mm whereas it is solid for 6 Sq. mm & 10 Sq. mm as per Clause No. 8.1 of IS:1554(Pt-I)1988 & relevant clause of IS: 8130/1984.

6.2 INSULATION:



The conductor shall be provided with Type-'A' PVC compound insulation applied by extrusion. The insulation shall be so applied that it fits closely on the conductor and it shall be possible to remove it without damage to the conductor. The thickness and tolerance on thickness of insulation shall be as per clause No. 9.2 of IS: 1554(Pt-I)/1988.

6.3 CORE IDENTIFICATION:

The core shall be identified by different coloring of PVC insulation as per clause No. 10.1 of IS: 1554(Pt-I)/1988.

6.4 LAYING UP OF CORES:

The core shall be laid up together with the suitable right hand lay. The interstices shall be filled with non-hygroscopic material.

6.5 INNER SHEATH (COMMON COVERING):

6.5.1 The laid up cores shall be provided with an inner sheath applied by extrusion. It shall be ensured that it is as circular as possible. The thickness of inner sheath shall be as given in Table-4 of IS: 1554(Pt-I)/1988.

6.5.2 The inner sheath shall be so applied that it fits closely on the laid up cores and it shall be possible to remove it without damage to the insulation.

6.6 ARMORING:

6.6.1 APPLICATION

Armouring shall be applied over the inner sheath. The armour wires/strips shall be applied as closely as possible.

The direction of lay of armour shall be left hand. A binder tape may be provided on the armour.

6.6.2 TYPE OF ARMORS DIMENSION:

The armour shall consist of galvanized round steel wires for cable size 4 Sq. mm & 6 Sq. mm whereas it shall be galvanized steel strips for cable size above 6 Sq. mm with the dimensions as specified in Table-6 of IS: 1554(Pt-I)/1988.

6.6.3 JOINTS:

The joints in the armour wire/strips shall be made by brazing or welding and the surface irregularities shall be removed. A joint in any wire/strips shall be at least 300 mm from the nearest joint in any other armour / wire in the completed cable.

6.7 OUTER SHEATH:

6.7.1 The outer sheath consists of type ST-PVC compound & shall be applied by extrusion over the armoring.

6.7.2 The color of the outer sheath shall be black.

6.7.3 The minimum thickness of PVC outer sheath shall not fall below the thickness specified in Table-7 of IS: 1554(Pt-I)/1988.

7. TESTS AND TEST CERTIFICATS:

7.1. The cable should meet the requirement of all tests including optional tests as specified



at clause No. 15.4 of IS: 7098 (Pt-I)/1988.

7.1.1. The following shall constitute routine tests:

7.1.1.1. Conductor resistance test.

7.1.1.2. High Voltage test.

7.1.2. The following shall constitute Acceptance tests:

7.1.2.1. Tensile test (for Aluminum).

7.1.2.2. Wrapping test (for Aluminum).

7.1.2.3. Conductor resistance test.

7.1.2.4. Test for thickness of Insulation & Sheath.

7.1.2.5. Tensile strength & elongation at break of Insulation & sheath.

7.1.2.6. Insulation resistance test.

7.1.2.7 High Voltage test at room temperature

7.1.2.8 Cold Bend Test.

7.1.2.9 Cold Impact Test

7.1.2.10 Armor resistance Test.

7.1.3 The following shall constitute type tests:

7.1.3.1 Tests of Conductor

7.1.3.1.1 Tensile test (for aluminum)

7.1.3.1.2 Wrapping test (for aluminum)

7.1.3.1.3 Conductor resistance test.

7.1.3.2 Test for Armoring Wires/Strips

7.1.3.3 Test for thickness of insulation and sheath

7.1.4 Physical test for insulation:

7.1.4.1 Tensile strength and elongation at

7.1.4.2 Ageing in air oven.

7.1.4.3 Hot Deformation Test.

7.1.4.4 Shrinkage Test.

7.1.4.5 Loss of Mass in Air oven.

7.1.4.6 Heat Shock Test.

7.1.4.7 Thermal Stability Test.

7.1.5 Physical test for Outer Sheath:

7.1.5.1 Tensile strength and elongation at break.

7.1.5.2 Ageing in air oven.

7.1.5.3 Loss of mass in air oven.

7.1.5.4 Shrinkage Test.

7.1.5.5 Hot Deformation Test.

7.1.5.6 Heat shock Test.

7.1.5.7 Thermal Stability.

7.1.6 Insulation resistance test.



7.1.7 High Voltage test at room temperature.

7.1.8 High voltage test at room temperature.

7.1.9 Flammability test.

7.2 The tenderer must also clearly indicate various testing facilities available at their works for testing the material as per relevant standards. In case of otherwise, particulars of the place where such testing is proposed to be conducted during the course of inspection, shall be indicated with the offer.

8. Inspection:

8.1 The inspection may be earned out by the purchaser at any stage of manufacture. The successful tenderer shall grant free access to the purchaser's representatives at a reasonable time when the work is in progress. Inspection and acceptance of any equipment / material under this specification by the purchaser shall not relieve the supplier of his obligation of furnishing equipment in accordance with the specification and shall not prevent subsequent rejection if the equipment / material is found to be defective.

8.2 The supplier shall keep the purchaser informed in advance about the manufacturing program so that arrangement can be made for inspection.

8.3 The acceptance tests as per IS: 1554(Pt-I)/1988 shall also be conducted by the manufacturer before dispatch in the presence of our Representative / Inspecting Officer as per relevant clause of "General Conditions of Contract" along with verification of lengths & weight and checking the manufacturing defects, if any of samples coils. The mass of aluminum, XLPE, PVC & Filler in sample coils shall also be verified by the inspecting officer(s). Cold bend/cold impact test (IS: 5831/1984) shall constitute the optional tests and shall be conducted on each offered lot of the cables of each size as per Clause No. 15.4 of IS; 1554(Pt-I)/1988.

8.4 At least 5% of total numbers of drums subject to minimum of 2 in each lot put up for inspection shall be selected at random to ascertain the length/workmanship of cable by the following method:

At the work of the manufacture, the cable shall be transferred from one drum to another for checking any manufacturing defects in the cable drum selected for conducting acceptance tests, at the same time measuring its length with the help of the graduated pulley & cyclometer. The difference in the average length thus obtained from the declared length by the supplier in the packing list shall be applied to all the drums if the cable is found short during checking the sample lot (s).

8.5 Test Charges:

All test charges incurred towards test checking of the material received in our stores shall be borne by the Nigam.

9. Identification:



9.1. The Manufacture shall be identified through-out the length of cables as per clause No. 17.1 of IS: 1554(Pt-I)/1988.

9.2. In order to distinguish these electric cables from telephone cables, the word ELECTRIC

shall be indicated, pointed or embossed throughout the length of the cable on outer sheath.

9.3 The cable code shall be provided as per Clause No, 17.3 of IS: 1554 (Pt-I)/1988.

9.4 The cable shall also be required to be embossed with the word name of manufacture or trade name, cable code, voltage grade, DHBVN, size of cable, year of manufacture and ISI certification mark at every meter length for which no extra charges shall be paid.

10. **Packing and Marking:**

10.1 The cables shall be wound on non-returnable wooden drums conforming to IS: 10418/1982 of suitable size and packed. The ends of the cable shall be sealed by means of non- hygroscopic sealing material. Only one cable length shall be supplied on a drum.

10.2 The cable shall carry the following information stenciled I painted on the drum:

10.2.1 Manufacturer's name, Brand name or trade mark.

10.2.2 Type of cable and voltage grade.

10.2.3 Number of cores.

10.2.4 Nominal Cross-sectional area of the Conductor.

10.2.5 Cable code.

10.2.6 Length of cable on the drum.

10.2.7 Approximate gross weight.

10.2.8 Year of manufacture.

10.2.9 BIS Certification marks.

10.2.10 Name of the consignee and full destination.

10.2.11 Tender number/Purchase order No.

10.2.12 The word SUITABLE FOR OUTDOOR USE & LOW TEMPERATURE CONDITIONS.

11. **Standard Length:**

11.1 The cables shall be supplied in the standard length of 500 Meters for size 4CX95 Sq. mm, 4CX50 Sq. mm, 4CX25 Sq. mm, 4CX16 Sq. mm and 1000 meters for size 4CX10 Sq. mm, 2CX15 Sq. mm, 2CX10 Sq. mm, 2CX6 Sq. mm.

11.2 A tolerance (+/-) 5% shall be allowed in standard length.

11.3 Only one cable length shall be acceptable by non-standard length measuring not less than 50% of standard length to complete the ordered quantity in each size.

13. **Quantity:**

The quantities as mentioned in the Schedule of requirement are tentative &



these may increase/decrease as per the requirement of the Nigam.

14. Quantity Tolerance:

The quantity tolerance of (+/-) 2% shall be allowed in each size for completion of supply.

15. Guaranteed Technical Particulars:

The tenderer shall furnish guaranteed technical particulars in the relevant schedule.

16. Constructional Drawings:-

The tenderer is required to furnish the detailed construction drawing of the cable clearly showing shape of core, type and size of fillers I interstices along with centre filler etc. In absence of this the tender is likely to be ignored.

Superintending Engineer/P&D
Cum-Member Secretary CSC
UHBVN & DHBVN



ANNEXURE-I

Guaranteed Technical And Other Particulars For The Supply of 2 Core LT PVC Armoured Cables

Sr. No.	Particulars	2 Core PVC Armoured cables in Sq. mm.		
		2CX16 mm ²	2CX10 mm ²	2CX6 mm ²
1.	Manufacturer's name and works address.			
2.	Standard specification to which the material shall			
3.	Voltage Grade			
4.	No of Cores.			
5.	Conductor Details			
	Normal Cross section area of :			
A	1 Phase Conductor (Sq. mm)			
	2 Neutral Conductor (Sq. mm)			
	No. and size of strands (in mm)of :			
B	1 Phase Conductor (Sq. mm)			
	2 Neutral Conductor (Sq. mm)			
C	SHAPE OF CONDUCTOR			
D	Whether compacted or non compacted			
	Resistance			
E	1 Phase Conductor (Sq. mm)			
	2 Neutral Conductor (Sq. mm)			
6.	INSULATION			
1	Type			
2	Colour			
3	Thickness			
A	Phase Conductor (Sq. mm)			
	1 Nominal (mm)			
	2 Minimum (mm)			
B	Neutral Conductor (Sq. mm)			
	1 Nominal (mm)			
	2 Minimum (mm)			
7.	Type of inner sheathing and colour			
8.	Whether Binder Tape Provided			
9.	Armoring			
A	Type			
B	Dimension (mm)			
10.	Outer Sheath			
A	Material			
B	Thickness			
	1 Nominal (mm)			
	2 Minimum (mm)			
	C Standard to which it Confirm			
11.	A Type and size of filler used			
	B Min. WT. of filler in KG./KM.			
12.	Max. overall diameter of the cable in MM.			
13.	Nature of packing			
14.	Drum			



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A	Tare Weight of Drum		
B	Whether Drum is wheel mounted.		
C	Standard specification to which drum shall conform.		
D	Drum details & dimensions		
E	Whether 2-Full Ply Flange Construction or 2-Full		
1	Drum Size		
A	Flange Diameter (d1) (mm)		
B	Barrel Diameter (d2) (mm)		
C	Centre Hole Diameter (d3) (mm)		
D	Overall with (L-1) (mm)		
E	Travers (L2) (mm)		
F	Thickness of Flange.		
G	Barrel End supporting disc or core		
1	Diameter (mm)		
2	Thickness (mm)		
H	Stretchers (Core carrier Planks)		
1	Number (Min.)		
2	Thickness x width (mm)		
I	Barrel Battens Thickness (core filler)		
J	Barrel Middle Supports (Middle core discs)		
K	Thickness of External Lagging (mm)		
2	Details of Metal Components:		
A	Clamping Studs with Hexagonal Nuts		
1	Numbers		
2	Diameter (mm)		
B	Square of Round Washers		
1	Numbers		
2	Diameter (mm)		
C	M.S. Bushes		
1	Numbers		
2	Thickness of Sleeve (mm)		
3	Dimension of Sleeve (mm)		
4	Number of Bolts		
5	Diameters of Bolts		
D	M.S. / C.I. Centre Plate		
1	Numbers		
2	Diameter of Bolts (mm)		
3	Centre Plate Bolts (mm)		
A	Numbers		
B	Diameter of Bolts (mm)		
E	Centre Hole Diameter (mm)		
F	Minimum weight in Kg./Km.		
1	Aluminum		
2	XLPE		
3	PVC		
G	Standard Length of Cable in meter & its		
H	Whether material bears BIS Certification		
I	BIS License no. & validity		



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	J	Embossing		
	K	Any other particulars		



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Specification No. CSC-70/R-I/DH/UH/P&D/2015-16

TECHNICAL SPECIFICATION FOR
TWIN CORES PVC SHEATHED PVC INSULATED WEATHER PROOF
CABLE FOR WORKING VOLTAGE UPTO & INCLUDING 1100 V, FOR
SERVICE CONNECTIONS.

Issue Month:
(CSC approval date 22.03.16)

Common Specifications Committee
UHBVN & DHBVN



TECHNICAL SPECIFICATION FOR TWIN CORES PVC SHEATHED PVC INSULATED WEATHER PROOF CABLE FOR WORKING VOLTAGE UPTO & INCLUDING 1100 V, FOR SERVICE CONNECTIONS.

1. SCOPE:

This specification covers design, manufacture, inspection, testing, packing and delivery of unarmoured PVC insulated weather proof (for outdoor use) Aluminium conductor, twin cores cables for voltage upto 1.1 KV, The cables are intended to be used for service connections in the low-tension distribution system.

2. STANDARD: -

Flat twin core cables weather proof (for outdoor use) shall be suitable for service voltage upto 1100 V and made from high conductivity Aluminium Conductors with insulation and sheathing of PVC compound. The cables shall be conforming to IS:694-1990 with latest amendments editions if any, However, material manufactured as per any other international standard which offers equivalent or material better in quality and workmanship as compared to mentioned standards shall also be acceptable. The aluminium conductor complying with IS:8130-1984 shall be used.

3. CLIMATIC CONDITIONS:-

The cable shall work satisfactorily under the following climatic conditions:-



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i)	Location	At various locations in the state of Haryana
ii)	Maximum ambient temperature (°C)	60
iii)	Minimum ambient air temperature (°C)	-5
iv)	Maximum average daily ambient temperature (°C)	40
v)	Maximum yearly weighed average ambient temperature (°C)	32
vi)	Maximum altitude above mean sea level (m)	1000
vii)	Minimum Relative Humidity (%)	26
viii)	Maximum Relative Humidity (%)	95
ix)	Average no of Rainy days/ year	120
x)	Average annual rainfall	900 mm
xi)	Maximum wind pressure	195 kg/m sq.

4. The equipment shall be for use in moderately hot and humid tropical climate, conducive to rust and fungus growth TECHNICAL PARTICULARS: -

The cable shall be used on single phase, 240 Volts 850 Hz AC Supply with Neutral solidly grounded for rated voltage upto & including 1100 Volts.

5. SIZES:-

The normal sizes of the cables shall be as per schedule for requirements.

6. TESTS:-

- 6.1.1 TYPE TESTS:-

The following shall constitute Type tests:- _____



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Sr. No.	Tests	For Requirement Ref to:-	For Test Method
a)	Test on Conductor: 1. Tensile test 2. Wrapping test 3. Conductor resistance test.	IS:8130-1984 IS:8130-1984 IS:8130-1984	2 3 5
b)	Test for overall dimensions and thickness of insulation and sheath.	10,13,14 Table 1 to 5 of IS 694:1990	6
c)	Physical tests for insulation and sheath: 1. Tensile strength and elongation at break 2. Loss of mass test. 3. Aging in air oven 4. Shrinkage test. 5. Heat shock test. 6. Hot deformation.	IS:5831-1984 IS:5831-1984 IS:5831-1984 IS:5831-1984 IS:5831-1984 IS:5831-1984	7 10 11 12 14 15
d)	Insulation resistance test.	IS:5831-1984	43
e)	High voltage test (water imunersion test)	16.2 of IS:694	45
f)	Flammability test	16.5 of IS:694	53
g)	Additional Ageing Test	16.6 of IS: 694	

6.2 ROUTINE TEST:-

The following shall constitute routing tests:-

- Conductor resistance test.
- High voltage test at room temperature.

All routine Tests shall be carried out at manufacture's works by the supplier, Copies of routine test certificates shall be submitted along with the inspection report for approval.

6.3 ACCEPTANCE TEST:-

The following shall constitute the acceptance tests which shall be got carried out by the inspecting officer during inspection:

- Tensile test.
- Wrapping test.
- Conductor Resisting test.
- Tests for thickness of insulation and sheath.
- Tensile strength and elongation at break of insulation and sheath.



- f) Insulation resistance test
- g) High voltage
- h) Flammability test.

Inspecting officer shall carry out following type test also during inspection at firm's works on all the lots offered for inspection.

- a) Shrinkage test.
- b) Hot deformation test.

6.4 Additional ageing test:

This additional ageing test shall be carried out from any recognized/Govt. test house on the first lot offered for inspection on every size of cable sample drawn by the inspecting officer as per relevant ISS with latest amendments.

7. MANUFACTURER IDENTIFICATION:

PROPERTY OF DHBVN/UHBVN alongwith brand name, manufacturer name, voltage rating, size, P.O. No. & date in English shall be embossed on the outer sheath of cable at regular intervals of approximately 1 to 1.5 meter.

8. INSPECTION AND TEST:-

An authorized representative of the Nigam shall inspect, examine and test the equipment/material in respect of quality, size and ratings as per ISS/IEC mentioned above at the manufacturers works during or after the manufacture of goods prior to dispatch on receipt of a clear notice of minimum 10 days in advance to be reckoned from the date of receipt of the same by the purchaser. No material will be allowed to be dispatched without prior inspection and approval. The inspecting officer of the purchaser may also inspect the material during the course of manufacture. In case, inspection of any consignment is waived off by the purchaser the supplier will be required to furnish the requisite test certificates (for acceptance as well as routine test) for approval. It will be the responsibility of the supplier to make adequate arrangements for testing of material at their works without any additional charge to the



purchaser. All testing instruments and appliances will be made available and material destroyed/consumed during testing will be to the account of the supplier.

The purchaser reserves the right to carry out type as per Indian standard specifications with latest version thereof. These tests will be carried out an independent & recognized test house/agency/laboratory. All purchaser has the right to have the tests carried out at any Govt/Recognized Test agency in case of dispute in quality, size and rating as per relevant ISS.

8.1 SAMPLING OF CABLES:-

- a) Scale of sampling:- Sampling shall be taken and tested from each lot for ascertaining the conformity of the lot to the required specifications.
- b) The number of samples to be selected as per table given below at random (the randomness of selection, random number tables shall be used as per IS:4905- 1968 No. of drums to be taken permissible number of as sample(n)

Sr. No. of drums/No. of cols/reels in lot.	No. of drums to be taken as sample.	Permissible number of defectives.
(ii)	(ii)	(ii)
Upto 25	3	0
20 to 50	5	0
51 to 100	8	0
101 to 300	13	0
301 to 500	20	1

The inspector shall have the option lot take the samples(s) from any point in the length of any drums selected at random for carrying out various tests and total length of that particular drum(s) of such two pieces because of this sampling in such a particular case will be considered as one length.

8.2 CHECK MEASUREMNT OF CABLE LENGTH:

The manufacturer will provide necessary arrangement for checking of length at his own cost by the Inspecting officer as per sampling plan. Out of the total quantity of coils offered for inspection, in no case less



than ten coils shall be selected for verification of length. If any of the coils is found short in length than the length specified, the whole of the lot shall be rejected.

9. QUALITY ASSURANCE PLAN:

The tenderers must supply an attested photocopy of valid ISI License/other International certification mark if any alongwith the tender, failing which their tenders are liable to be rejected. List of manufacturing facilities available shall be submitted with the tender. List of testing facilities available for final testing of the cables shall be submitted with the tender.

10. PACKING:

The cable shall be packed and supplied in non-returnable polythene/gunny wrapped packing/plywood reels suitable to resist any damage during transit. Coils shall be supplied in standard length of 100 meters. Non-standard length upto maximum of 55 of the ordered quantity (each piece not measuring less than 30 meters) would allowed to be supplied. These non-standard lengths shall be supplied separately. Material offered for inspection should be duly packed and provided with blank lead scales for purpose of sealing by the inspecting officer.

11. TOLERANCE:

A tolerance of $\pm 5\%$ is permissible on the quantities to each consignee with overall tolerance of $\pm 2\%$ on the ordered quantity for completion of order.

The marking on the drums shall have the following information's:-

- a) Trade mark, if any.
- b) Name of the manufacturer.
- c) Nominal cross sectional area of conductor of the cable.
- d) Year of manufacture.
- e) Type of cable and voltage for which it is suitable.

Length of cable on the drum/reel.

- a) Approximate gross weight.
 - b) Number of cores.
 - c) Net weight of the cable.
- Drum/reel identification no.
- k) Purchase order No. and Date.
 - l) Consignee's name with designation.



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- m) ISI mark/IEC mark/
- n) Direction of rotation of drum / reel (By means of an arrow).
- o) Reference IS: 694:1990.

12. SCHEDULE OF GUARANTEED AND GUIDING TECHNICAL PARTICULARS:-

The tenderers must supply the detailed guaranteed technical particulars as detailed in Appendix-I. For values, use of 'Dash' 'Do' 'Blank' or as per ISS/IEC will not be entertained.

Superintending Engineer/P&D,
Common Specification Committee,
UHBVN & DHBVN



Annexure-I

SCHEDULE OF TECHNICAL PARTICULARS FOR TWIN CORE FLAT LT PVC CABLES
FOR USL ON 1100V.

GUARANTEED TECHNICAL PARTICULARS

a	Name of Manufacturer
b	Place of Manufacture
c	Brand
2.	Voltage grade
3	Standard Applicable
3.1	ISI/IEC marked or not.
3.2	Validity of ISI/IEC license (Enclose complete upto date copy of license)
4	Type of cable and conductor material.
5	Nos./Nominal are of cores (No./ Size in sq.mm)
6	Shape of Conductor
7	Nos./ Nominal dia of strand in conductor (No./ dia in mm)
8	Thickness of insulation (a) Nominal (mm) (b) Minimum (mm)
9	Thickness of Sheaths. (a) Nominal (mm) (b) Minimum (mm)
10	Maximum resistance of conductor at 2 ^o C (Ohm/KM)
11	Minimum volume resistivity at 27 ^o C (Ohm/KM)
12	Standard length in each coil in meters.



13	Continuous current carrying capacity of cables. (a) In duct (Amp) (b) In Air (Amp) (c) In ground (Amp)
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B. GUIDING TECHNICAL PARTICULARS

1. Overall diameter finished cable with \pm tolerance (in mm).
2. Weight of the conductor with \pm tolerance per km (in kgs)
3. Weight of insulation with \pm tolerance per km (in kgs)
4. Weight of sheathing & filler with \pm tolerance per km (in kgs)
5. Total weight of cable with \pm tolerance per km (in kgs)

C. PROPERTIES OF PVS (INSULATION SHEATH)

1. Source of PVC compound
2. Dielectric constant
3. Dielectric strength Kg/MM
4. Specific grants
5. Tensile strength at break
6. Elongation at break
7. Thermal resistivity



ANNEXURE 'B' TO SCHEDULE 'D'(Part-I)

SCHEDULE OF DELIVERIES

Sr. No.	Name of item / Specification	Name of consignee	Delivery Schedule
1.	Twin Core LT PVC Cable of following sizes as per Nigam Technical Specification No. CSC-XIII/R-II/DH/UH/P&D/ 2015-16 & CSC70/R-I/DH/UH/P&D/2015-16, relevant ISS with latest amendment. i) Cx6 Sq.mm Armoured ii) Cx6 Sq.mm Un-Armoured iii) Cx10 Sq.mm Armoured iv) Cx10 Sq.mm Un-Armoured	Any Where in Haryana	To be decided/approved by CE/MM while issuing NIT The firm will supply the 20% of ordered quantity of LT PVC Cable and shall be delivered in the Nigam's stores within 45 days after issue of PO and the balance 80% quantity shall be delivered in Nigam's stores in four equal monthly lots thereafter.

Note:-

1. The delivery schedule as mentioned above shall be read in conjunction with the clauses of type test and drawing mentioned in schedule – D (Part- II) , wherever applicable.
2. The material should be supplied to the consignees within 15 days of issue of dispatch authorization or within contractual delivery period whichever expires earlier. After this period, the firm will supply the material at its own risk and responsibility. The acceptances of such material with or without re-inspection upto the scheduled delivery period shall be at the sole discretion of Chief Engineer/MM, UHBVN/ DHBVN. Thereafter, Nigam will have a right to refuse or accept such delayed material on the applicable rates, terms & conditions.

Name & Full Address of Tenderer

Place:

Date:



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ANNEXURE – IV

Format for raising Inspection Call by the Vendor / Supplier

From, Name of the Firm with Complete Address

To, Concerned Department (CE/MM)
Address

Subject:- Inspection Call for _____ No [Items] as per Work Order / Purchase Order No -
_____ dt. _____

Sir,
This is with reference to subject cited Work Order / Purchase Order. We would like to inform that below mentioned material is ready for inspection:

Sr No	Item Description	Quantity as per WO/PO	Quantity already Inspected & supplied	Quantity offered for Inspection	Balance Quantity	Contract Delivery Period

It is requested to kindly depute an officer for inspection of the materials. The name and contact details of the person responsible for getting the inspection conducted is:-

_____ [Contact Details of Person]
_____ [Date and Place for Inspection]

Signature
Name
Designation
Company Seal

Note:-



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Annexure – V

(TO BE FILLED IN AND SIGNED BY THE TENDERER)

SCHEDULE OF DEVIATIONS

We/I have carefully gone through the Technical Specification and the general conditions of contract and we/I have satisfied ourselves/myself and hereby confirm that our/my offer strictly conforms to the requirements of the Technical Specifications and general conditions of contract except for the deviations which are given below:-

Sr. No.	Description	Stipulation in specification	Deviations offered	Remarks.
A.	Commercial Terms:			
	Clause No.			
B.	Technical Specifications:			
	Clause No.			

(Please use more Sheets, if required).

Dated:

Place:

Designation

Name

Status

Whether Authorized Signatory of the
Tendering Company

Name of the Tendering Company



BANK GUARANTEE PROFORMA

This agreement is made this _____ day of _____ (a) _____ between _____ (b) a company registered under banking Companies Act/or any other Act to be specified, having its registered office at _____ (c) called the guarantor which expression shall unless repugnant to the context or meaning thereof, include its successors and assigns of the first part M/s _____ (d) a Company/firm registered under the companies Act 1956/ partnership firm/proprietorship firm having its registered office at _____ (e) (hereinafter called the suppliers which expressions shall unless repugnant to the context or meaning thereof, include its successors and assigns) of the second part at the DHBVNL, a body corporate under company Act 1956 (hereinafter called the purchaser, which expressions shall unless repugnant to the context or meaning thereof, include its successors and assigns) of the third part.

Whereas the supplier has interalia agreed with the purchaser to supply the purchaser _____ (f) on the terms and conditions contained in the contract No. _____ dated ___-- (g) placed by the purchaser on the suppliers and accepted by the suppliers.

And whereas under clause _____ (h) of the said contract, the supplier is required to furnish a bank guarantee for a sum of Rs. _____ (i) being the _____ (j) value of all the consignments of the above material on account of retention money, which but for this guarantee value be withheld by the purchaser till such time that the material is received in good condition and in accordance with the specification of the same to guarantee the payment of the retention money on bills submitted against supply of material/repair of equipment on order from time to time upto a maximum amount of the sum Rs. _____ (k).

And whereas at the request of the supplier the purchaser has agreed not to retain _____ (l) of the contract price of all the consignments and in lieu thereof to accept Bank Guarantee from the Guarantor for the due performance of the said contract by the said supplier on the terms and conditions herein contained. Now this deed, therefore, witnesseth and it is hereby agreed by and between the parties hereto as follows:-

The Guarantor hereby guarantees to the purchaser the quality, workmanship and design of all the consignments of _____ (m) in accordance with the prescribed specifications and the terms of the said contract and agrees to indemnify and keep indemnified the said purchaser to the extent of Rs. _____ (n) in the aggregate against all losses, damages, costs, charges and expenses which maybe suffered or incurred by the purchaser on account of any defect in the material supplied or on account of any breach on the part of said supplier or any of the terms and conditions of the said contract in the supply/repair of the consignments. The guarantor further agrees the said purchaser shall be the sole judge whether the supply/repairs have been made according to the prescribed specifications, design and workmanship as laid down in the said contract and the supplier had committed breach or breaches of any of the terms and conditions of the said contract and the extent of loss/damage, cost, charges, l or expenses suffered or incurred by the purchaser on account thereof and the guarantor shall immediately on receipt of any claim or claims from the said purchaser pay to the extent of the amount specified above "without demur or objection".

The guarantor further agrees that this guarantee shall remain in full force and effect



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for _____(o) months from the date of dispatch of material by the said supplier under the said contract i.e. upto _____(p)

The guarantor also agrees and undertakes not to revoke this guarantee before the same is discharged as aforesaid except with the previous consent of the said purchaser in writing.

The guarantor here by further agrees that the said purchaser shall have the full liberty without effecting in any manner the obligation of the guarantor hereunder with or without the consent of the guarantor to vary any of the terms of the said contract or to extend time for performance of the said contract by the supplier from time to time or to postpone for any time or from time to time any of the power exercisable by the purchaser against the said supplier and either to forbear or enforce any of the terms or conditions relating to the said contract and the guarantor shall not be relieved from his liability by reasons of any variation or any extension being granted to the said supplier or for any forbearance, act or omission on the part of the said supplier or any indulgence by the said purchaser to the said supplier or any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving the guarantor. Nor shall it be necessary for the said purchaser to sue the said supplier before suing the said guarantor for the amount/damages due under the deed of guarantee.

In witness whereof the parties hereto put their respective hands on the day and the year first above mentioned.

1. Witness

2. Witness

Signature of the Guarantor

1. Witness

2. Witness

Signature of the Supplier

1. Witness

2. Witness

Signature of the CE/MM

For & on behalf of the DHBVN

Note:--

1. Date of execution of Bank Guarantee.
2. Name of Bank
3. Complete address of the Bank.
4. Name of the supplier
5. Permanent address of the firm
6. Quantity and description of material
7. PO No. and date
8. Payment clause
9. Amount of Bank Guarantee
10. %age of the contract price
11. Amount of Bank Guarantee should be both in figure and words
12. Name of the material
13. Bank guarantee amount
14. Number of months



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15. Date of validity



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Annexure – VII

Format of Affidavit for last completed Purchase Order

I _____ Son of Shri _____ resident of _____ solemnly affirm and declare that I am holding the position as _____ the M/s _____ and I further hereby declare that.

1. Our last supply to any Govt. Power Utility in India is of _____ Power Transformers of rating _____ to _____ (Name of the Power Utility) against P.O. No. _____ dated _____ and we have supplied more than 50% of ordered quantity within delivery schedule (copy of P.O. along with copy of receipted challan enclosed)

Deponent

Verification

I, the above said deponent solemnly affirm and declare that the above said statement is true and correct to the best of my knowledge and belief and nothing has been concealed therein.

Deponent _____

Date:-

NIT No. _____

Enquiry No. _____

Attested by Notary Public



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Annexure – VIII

TO BE SUBMITTED ON FIRMS LETTER HEAD

DULY ATTESTED BY CHARTERED ACCOUNTANT

The firm M/s _____ has supplied following quantity of material to state/Central Govt. organization during last 5 years.

Sr. no.	Financial year	Name of the item	Quantity billed	Total bill value of items	Remarks
1.					
2.					
3.					
4.					
5.					

(The above information should be supported by documentary evidence)



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Annexure – IX

Undertaking

From

To

The Chief Engineer/MM,
DHBVN, Hisar

Subject;- Undertaking in respect of Tender Enquiry no. QD- for the procurement of LT PVC Cable.

We hereby confirm our unconditional acceptance of all the terms and conditions mentioned in the tender documents against your tender enquiry no. QD- _____ for the procurement of LT PVC Cable. The material shall be supplied strictly as per technical specification of the Nigam/relevant ISS without any deviation.

(Authorized Signatory of the firm)



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Annexure – X

AFFIDAVIT FOR NON BLACKLISTING

(On NJSP)

I, _____ Director of M/S
_____ with Headquarter
at _____ being their authorized
signatory, do hereby solemnly affirm and declare that M/S _____
_____ is not blacklisted by any State/Central Govt. or
any of its agencies. I understand that if upon acceptance of our offer dated _____
against DHBVN/UHBVN tender enquiry No. _____ for supply of
_____ any P.O. is placed upon us, the same is liable to be
cancelled if this declaration is found wrong at any subsequent time and further I understand to
compensate the UHBVN, for the consequences arising out of wrong declaration.

Attested by Notary Public



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Annexure-XI

Price Schedule as provided in the Electronic tender at website

Sr. No.	Description of Item	NIT quantity	Place of Billing (Haryana/Out of Haryana)	Quantity Offered	Ex-work Price (Rs./Unit)	Excise Duty (%)	VAT/CST (%)	Freight and Insurance Charges (Rs/Unit)	Any Other duties or taxes (Rs./Unit)	Discount (Rs./Unit)	Landed Cost Formula