

# NATIONAL INSTITUTE OF RURAL DEVELOPMENT & PANCHAYATI RAJ

Rajendranagar, Hyderabad

## E-TENDER FOR

Online bids are invited by the Executive Engineer, National institute of Rural Development and Panchayati Raj, Hyderabad 500 030 on behalf of Director General, NIRDPR from approved and eligible Contractors of CPWD or experienced agencies in the same field or those on appropriate list of P&T, MES, Railways and state PWD.

1. Supply and installation of 500 KVA Transformer, including buy back of old 500 KVA transformer as is where basis.

Bidding document No EE/CMU/22-23/05	<b>EMD Rs.33,000/-</b>
Bid Document download/sale start date & Time	Bid submission due date and time
Bid publishing date 21.10.2022 3.00 PM	31-10-2022 Up to 3.00 PM
Completion period	45 days

The detailed NIT along with qualification criteria, EMD bidding document etc can be viewed/Downloaded from any of the given website <http://eprocurement.gov.in/eprocure/app>. Bidders are requested to upload and submit their E-bid on Central Public Procurement portal only. All amendments, time extension, clarification etc., will be uploaded in the website only and will not be published in newspapers. Bidders should regularly visit website to keep themselves updated.

F. No.EE/CMU/18-19/28A

Sd/-

Executive Engineer  
NIRD&PR Hyderabad-30

# NATIONAL INSTITUTE OF RURAL DEVELOPMENT & PANCHAYATI RAJ

(Ministry of Rural Development, Government of India)

Rajendranagar – Hyderabad 500 030

Online bids are invited under stage two bid system for

Supply and installation of 500 KVA Transformer, including buy back of old 500 KVA transformer as is where basis.

Online bids are invited under stage two bid system for the above mentioned work. Tender documents may be downloaded from NIRD&PR website <http://eprocure.gov.in/eprocure/app>. as per the schedule as given in Critical date sheet as under:

## CRITICAL DATE SHEET

<b>Publishing date</b>	21-10-22 10.00 AM
<b>Bid document download/ sale start date</b>	21-10-22 10.00 AM
<b>Clarification start date</b>	21-10-22 10.00 AM
<b>Clarification end date</b>	28-10-22 3.00 PM
<b>Bid submission start date</b>	21-10-22 10.00 AM
<b>Bid submission end date</b>	31-10-22 3.00 PM
<b>Technical Bid opening date</b>	01-11-22 3.30 PM

1. Bids shall be submitted online only at CPPP website <http://eprocure.gov.in/eprocure/app>.

- Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e. when one or more partner(s) / director(s) are common be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.
- Applicant contractor must provide demand draft for Rs 33,000/- (Rupees thirty three thousand only) (to be purchased on or after publication date of this tender) in favour of NIRDPR, Rajendranagar, Hyderabad 500030 and payable at Hyderabad obtained from any Nationalized/ Scheduled Bank downloaded tenders towards Earnest Money Deposit. All applicable bank charges shall be borne by the applicant and he shall not have any claim what so ever on this account on government.**

4. The Hard Copy of original instruments i.e. Demand Draft in respect of Earnest Money Deposit, other documents must be delivered to the Executive Engineer, NIRDPR, Rajendranagar, Hyderabad 500 030 on or before bid opening date/ time as mentioned in critical date sheet Tenderer shall likely to be liable for legal action for non-submission of original payment instrument like DD etc. against the submitted bid.

5. Bids will be opened online as per date/ time as mentioned in the Notice

Inviting Tender at Central Public Procurement Portal

(<http://eprocure.gov.in/eprocure/app>.) after online opening of Technical-Bid the results of their qualification as well price bid opening will be intimated later.

#### **Submission of Tender:**

The tender shall be submitted online in two parts viz., technical bid and financial bid. The offers submitted by telegram/ Fax/ email shall not be considered. No correspondence will be entertained in this matter.

#### **Instructions for Online Bid Submission:**

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL <http://eprocure.gov.in/eprocure/app>). The bidders are required to submit soft copies of their bids electronically on the CPP portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <http://eprocure.gov.in/eprocure/app>.

#### **Registration:**

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL <http://eprocure.gov.in/eprocure/app>.) by clicking on the link "Online Bidder Enrollment" on the CPP Portal is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid e-mail address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS /nCode /eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by the a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC"s to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID/ password and the password of the DSC/ e-Token.

**Contractor**

**EXECUTIVE ENGINEER**

### **Searching for Tender Documents:**

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date value etc. there is also an option of advanced search for tenders wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date other keywords etc to search for a tender published on the CCP Portal.
2. Once the bidders have selected the tenders they are interested in they may download the required documents / tender schedules. These tenders can be moved to the respective “My Tenders” folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the helpdesk

### **Preparation of Bids**

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
3. Bidder, in advance should get ready the bid documents to be submitted as indicated in the tender document/ schedule and generally, they can be in PDF/ XLS / RAR / DWF formats. Bid documents may be scanned with 300 dpi with black and white option.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (i.e. PAN Card copy, annual reports, auditor certificates etc) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Spare” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process

### **Submission of Bids:**

1. Bidder should log into the site well in advance for bid submission so that he / she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidder as to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument

4. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/ couriered/ given in person to the Tender Processing section, latest by the last date of bid submission. The details of the DD/ any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
5. A standard price bid format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the file and quote the amount on hard copy. Once the details have been completed, the bidder should submit it online in form of soft copy, if the file is found to be modified by the bidder, the bid will be rejected.
6. The server time (which is displayed on the bidders dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should flow this time during bid submission.
7. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive field is done.
8. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
9. Upon the successful and timely submission of bids, the portal will give a successful bid submission message and a bid summary will be displayed with the bid no and the data and time of the bid with all other relevant details.
10. The bid summary has to be printed and kept at an acknowledgement of the submission of the bid opening meetings.

#### **Assistance to Bidders:**

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person, contact details for tender related queries :Executive Engineer CMU.,NIRD&PR in office hours from 10:30 am to 5:30 pm on PH:040-24008555 ,Hyderabad.

2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24 x 7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 73

**Contractor**

**EXECUTIVE ENGINEER**

### **Part 1 : (Technical Bid)**

The following documents are to be furnished by the Contactor in 1<sup>st</sup> Cover as per the tender document.

scanned copies of the following

1. Scanned copy of Contractor Registration Certificate
2. Scanned copies of Income Tax/ PAN card/
3. Scanned copy of GST Registration
4. The Demand Draft for **Rs.33,000/- towards Earnest Money Deposit (EMD).**

**Note:** The original demand draft towards Earnest Money Deposit and hard copies of the above documents should be submitted on or before bid submission closing date and time to **Executive Engineer, NIRD&PR, Hyderabad.**

**Contractor**

**EXECUTIVE ENGINEER**

## SCHEDULE OF QUANTITIES

Name of work: **Supply and installation of 500 KVA Transformer, including buy back of old 500 KVA transformer as is where basis.**

S.No	Description of item	Qty	Per	Rate	Amount
1.	Supplying, installation, testing and commissioning of 500 KVA , 11/ 0.433 KV, 3 phase, 50 Hz, Dyn11, <b>outdoor</b> ONAN type copper wound transformer with ON load tap changing arrangement on HV side in steps of +5% -15%, having HT cable end termination box suitable for existing, HT/LT cable i-e., 3 x 240 sq.mm XLPE HT cable and LT cable end box on LV side suitable for 3.5 x 240 sq.mm XLPE Aluminium cable including all standard accessories and first filling of filtered dehydrated oil and confirming to IS 1180 ( Part-I) and as per latest BIS Specifications for energy efficiency, suitable fixing arrangement on the existing CC pedestal etc as required. (Losses shall be as per IS 1180 as amended upto date for energy efficiency Level - 2 ) <b>including buy back of old 500 KVA transformer as is where basis.</b> (Detailed specifications as per Annexered)	01 No.			
2.	Removing and refixing of existing HT/LT cables including cable				

	end termination, removing and refixing of existing GI flates, removing and refixing of existing copper flates, complete checking and required repairs of LT/HT Load Break Switches (LBS's) complete testing and commissioning etc., required as per the Engineer-in-charge.	01 Job			
	Total				

(Rupees -----  
-----)

Note: Tenderer should inspect the site so as to quote buy back of old 500 KVA transformer and can check the LT/HT existing cable sizes.

### **500 KVA Transformer Specifications**

**List of makes: Siemens, ABB, Ateva, Voltamp, Kirloskar, Essennar, Schneider, Crompton Greaves, Unimag Power Transformer, Hammond)**

Sl No.	Product Specification	Values / Remarks
1	Energy efficiency level	Level -2 ( Amendment No. 4 as per IS 1180
2	BEE Star Rating	BIS
3	Installation, Testing and Demonstration	Yes
4	Minimum warranty from the date of installation (in Months)	12 months from Commissioning/ 18 months from the date of dispatch
5	Minimum warranty on receipt of stores (in Months)	12 months from Commissioning/ 18 months from the date of dispatch
6	Nominal system voltage, HV (in kV)	11 KV cable box
7	Nominal system voltage, LV (in V)	433 V cable box
8	Standard ratings (in kVA)	500 KVA
9	Minimum basic insulation level (in kVp)	As per standard
10	No load voltage ratios (in Volts)	433
11	Highest system voltage for equipment (in kV)	12 KV
12	Rated lightning impulse withstand voltage (in kV Peak) (Refer IS: 1180 (Part 1): 2014	As per standards



	Annex-D)	
13	Core material	CRGO
14	Conductor (Winding) material	Copper
15	Type of Mounting	Out door
16	Noise level at rated voltage and frequency, Maximum (in dB)	As per NEEMA Standards
17	Transformer tank cover construction	Top covers
18	Tank configuration with	MS Steel
19	Material of transformer tank	MS Steel
20	Minimum thickness of top and bottom material of transformer tank (in mm)	Top 6mm; Bottom 5mm
21	Minimum thickness of side material of transformer tank (in mm)	4mm
22	Material of Bolts::Nuts & Washers exposed to atmosphere	Size 12mm or below: Stainless Steel Above 12mm: Steel with suitable finish like electro galvanized with passivation or hot dip galvanized.
23	Gaskets wherever used shall conform to	CORK
24	Provision of conservator	Yes
25	Type of painting on inside of tank (hint: Refer Table 12 of IS:1180 (Pt.1):2014)	PU 631 of IS -5
26	Type of painting on External surface of tank (hint: Refer Table 12 of IS:1180 (Pt.1):2014)	-do-
27	Winding tapped	On Load Tap Changer+AVR+RTCC Panel
28	No. of positions (in Nos.)	17 Positions/ 16 Steps
29	Voltage variation	+5 to -15%
30	Transformer fitted with bushings of appropriate voltage and current ratings on HV side	HT cable box
31	Transformer fitted with bushings of appropriate voltage and current ratings on LV side	LT cable box
32	Suitable provision for adoption of cables of suitable size on LV side	Suitable for existing cable
33	Cable End Box on HV side	Cable End Box
34	Cable End Box on LV side	Cable End Box

35	Material of rating plate	Anodized Aluminium/ Stainless Steel
36	Marking method on rating plate	Anodized Aluminium/ Stainless Steel
37	Rating and terminal marking plates combined into one plate	Anodized Aluminium/ Stainless Steel
38	Suitable rating lightning arrestors	Not Applicable (optional fittings only upto 200KVA).
39	Bird guard	-
40	Terminal connectors	cable box (Optional Fitting)
41	Oil temperature indicator and winding temperature indicator	Yes
42	Jacking pads	NA (Optional Fitting for ratings above 1600KVA)
43	Buchholz relay	Yes
44	Magnetic oil level gauge with low oil level alarm contact	Yes (Optional Fitting for ratings above 1600KVA).
45	Magnetic oil level gauge with low oil level alarm contact	Yes (Optional Fitting for ratings above 1600KVA).
46	Protection relay for sealed type transformers for internal parameters that is pressure, temperature, oil level and gas detection	Buchholz relay
47	Unidirectional flat rollers	Yes
48	Drain cum sampling valve	Yes
49	Self protection :: disconnection devices	On Load Tap Changer
50	Expulsion fuse as disconnection device	Explosion Vent
51	Maximum altitude	Less than 1000Mtrs A1
52	Availability of type test reports to prove the conformity of the specification from	Yes
53	Availability of test report for Determination of sound level test	Not Mandatory - Special Test shall be carried out by mutual agreement between the user and the supplier
54	Availability of test report for short circuit withstand test	Similar or higher reports can be submitted – Required upto 200KVA rating only.
55	Availability of test report for No load current at 112.5 % Voltage	Not Mandatory - Special Test shall be carried out by mutual agreement between the user and the supplier
56	Availability of test report for Paint adhesion test	Not Mandatory - Special Test shall be carried out by mutual agreement between the user and the supplier if the quantity is more than one.

57	BDV and moisture content of oil in the transformer	Not Mandatory - Special Test shall be carried out by mutual agreement between the user and the supplier if the quantity is more than one.
58	Core material	Reports to be submitted CRGO
59	Conductor (Winding) material	Copper
60	Type of Mounting	Transformer – Plinth Mounted Top covers
61	Method of system earthing	As per site conditions
62	Noise level at rated voltage and frequency, Maximum (in dB)	Reports to be submitted – Please cross-check

**IMPORTANT NOTE:**

1. The Estimated Cost Put to Tender has been worked out by taking into consideration the Cost Index of Hyderabad thereby enhancing by DSR 2018 items only in Civil & Electrical component items and considering the Market Rates for NSR items.
2. The tenderer is required to quote the percentage specifying above /below or at par accurate to two places of decimal or zero percentage on the Estimated cost to cover the rates of all the items under the Schedules of Composite Tender for Civil and Electrical work separately. This column should not be left blank, otherwise the tender shall be treated as INVALID.
3. The tender shall be finalised based on over all percentage quoted by the agency to determine the 'L1'
4. However the agency shall be paid for the Civil and Electrical items based on the percentages quoted by the agency for the respective components of work.
5. The Percentage shall be typed only in figures upto 2 (two) places of decimal along with algebraic sign.
6. The tenderer shall enable the macros before entering the figures, to be see the quoted percentage and amount in words.
7. If the Percentage quoted both in words and figures are not clear, or if the rate is not quoted in Percentage, the offer will be treated as INVALID.

Signature of Contractor

Name:

Date:

EXECUTIVE ENGINEER

CMU, NIRD&PR,

Postal; Address:  
Hyderabad

E-Mail ID

## LIST OF PREFERRED MAKES

## 1. IEI &amp; Fans Including Power Wiring, Telephone wiring and LAN wiring

Sr. No.	Product	Make
1.	Wires ( PVC Insulated copper conductor cable FRLS – ISI marked)/ Telephone cables / Submersable cables/ Co- axial /TV cables	Havells Anchor Finolex KEI L&T Asmon RR Kabel
2.	PVC Conduits (ISI marked) ( Color of conduit : Ivory/ Grey )	Avon Plast Precision AKG BEC GM Clipsal
3.	Steel Conduit ( ISI marked )	BEC Bharat Gupta AKG RMCON Steel Krafts
4.	MCB DBs/ Industrial Socket outlets/	Legrand Schneider Electric Hager L&T ABB SIEMENS
5.	MCBs/RCBO/ Isolators	Legrand Schneider Electric Hager L&T ABB SIEMENS
6.	MCCBs	Legrand (DPX <sup>3</sup> ) L&T (D-sine) Schneider Electric (Compact NSX/ EasyPact CVS) ABB(T-Max) SIEMENS( 3VL)
7.	LAN cable (Structured Cabling)	Panduit Belden Schneider Systimax(COMMSCOPE) Molex Legrand Extreme
8.	Fibre Management System	Panduit Belden Schneider

Sr. No.	Product	Make
		Systimax(COMMSCOPE) Corning Legrand
9.	Modular Switches/ Sockets/ TV Socket/ Telephone sockets/ Data sockets/ Electronic Regulators/ AC Starter Switch etc.	Legrand (Myris) MK (Blenze plus) Panasonic (Vision) Havells(Crabtree) Wipro: Northwest : Stylus+ GM( G-Nine) Kolers(Kosmik)
10.	Celing rose	Antex Leader Emperor Anchor
11.	PVC batten/ Angle Holders	Aristo Antex Prakash Kinjal Anchor
12.	Exhaust fans	
A)	250 mm (Plastic Body)( Medium duty)	Havells Crompton Orient Bajaj Almonard Atomberg
B)	300 mm / 230 mm metallic body (Heavy duty)	Crompton Orient Almonard Bajaj Atomberg
13.	Fans	
A)	1200 mm sweep ceiling fan with BLDC motor	Orient Crompton Havells Atomberg
B)	400 mm Wall mounted fan	Khaitan : MERLIN-HI SPEED Almonard Crompton: Wmhiflo wave ( Hi-Speed) Orient: Snow Fall 16WA01
14.	LED Luminaries including Street light fittings (ISI Marked)	Phillips Wipro Crompton greaves Bajaj Halonix

Sr. No.	Product	Make
		Havells K-Lite Osram
15.	Network switch	Allied Tellies Cisco Netgear HP
16.	Rack	Netrack WQ Panduit Rittal Emerson Schneider(APC) Valrack
17.	Decorative street light pole	Philips K Lite Bajaj Disano Twinkle
18.	1.1KV grade aluminium conductor, XLPE insulated armoured UG Cables	CCI Havells KEI Gloster Finolex NICCO Universal FortuneArt
19.	Raising mains , Bus Trunking (Sandwich / Air insulated)& Tap-Off boxes	Schneider Legrand C&S L&T ABB
20.	MV Panels	CPRI Fabricators with panels cleared by CPRI
21.	Glands / Lugs	Dowells Comet Jaison
22.	GI pipes	Tata Jindal Zenith Surya SAIL
23.	High Volume low speed fans	Kelley Kale Brayan EcoAir Macroair Big Ass
24	Weather proof boxes	Obo Betterman Hensel

Sr. No.	Product	Make
		Legrand C & S
25	DWC Pipes	TeleRex Dutron Veekay Plast Duroline
26	Day light/ Occupancy Sensor	Legrand Schneider Johnson Control ABB Lutron Hager Wipro Bajaj Philips
27	Water Purifier	Eureka Forbes Kent Ion Exchange LG
28	Electrical Geyser	Racold A.O. Smith Crompton Bajaj V-Guard
29	Emergency lightning system ,components and Fixtures	Hochiki Cooper Tecknoware ASM TM
30	Lighting Control System	ABB Schneider Siemens Philips
31	All other items not covered above	As per approval of the Engineer-in-charge.

**And or As approved by Competent Authority.**

## **2. FIRE FIGHTING SYSTEM**

Sr. No.	Product	Make
1.	GI / MS 'C' class pipes duly ISI marked	Jindal ( Hissar ) TATA



**Name of the Work: 1. Supply and installation of 500 KVA Transformer, including buy back of old 500 KVA transformer as is where basis.**

**PART-A**

Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderers at the office of the above mentioned officer.

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work

2) The competent authority on behalf of does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders, in which any of the prescribed conditions are not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

3) Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

4) The competent authority on behalf of Director General, NIRD reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

5) The contractor shall not be permitted to tender for works in the NIRD (responsible for ward and execution of contracts) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted officer in the National Institute of Rural Development or in the Ministry of Rural Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

No Engineer of Gazetted rank or other Gazetteer officer employed in Engineering or Administrative duties in an Engineering Department of the is allowed to work as a contractor for a period of two years after his retirement from Government service, without the previous permission of the in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the as aforesaid



before submission of the tender or engagement in the contractors service.

- 7) The tender for the works shall remain open for acceptance for a period of sixty days from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance which ever is earlier or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.

This Notice Inviting Tender shall form a part of the contract document. The successful tenderer / contractor, on acceptance of his tender by the Accepting Authority, shall, within 60 days from the stipulated date of start of the work sign the contract consisting of: -

- a) The notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
- b) Standard C.P.W.D. Form – 8

9 For composite tenders

**Contractor**

**Executive Engineer**

**1.The tenderer must associate with himself agencies of the appropriate class eligible to tender for the other components individually.**

It will be obligatory on the part of the tenderer to sign the tender document for all the components (The schedule of quantities, conditions and special conditions etc.)

After the work is awarded, the contractor will have to enter into separate agreement for each component with the officer concerned.

The Executive Engineer in charge of the major component will call tenders for the composite work. The cost of tender document and earnest money will be fixed with respect to the combined estimated cost put to tender for the composite tender. Security deposit will be worked out separately for each component corresponding to the estimated cost put to tender for the composite tender. The earnest money will become part of the security deposit of the major component of work.

On acceptance of the composite tender by the competent authority, the letter of award will be issued by the Executive Engineer-in-charge of the major component on behalf of the DG, NIRD, making it clear in the letter of award that the contractor will have to execute separate agreements for different components of work with the concerned officers of the respective discipline (Designation to be given).

**Contractor**

**Executive Engineer**

## **General rules and directions:**

1. All work proposed for execution by contract will be notified in a form of invitation to tender pasted in public places and signed by the officer inviting tender or by publication in News papers as the case may be.

This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender, and the amount of the security deposit to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer, inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.

2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorising him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.
4. Any person who submits a tender shall fill up the usual printed form, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation of tender, or in the time allowed for carrying out the work, or which contain any other condition of any sort including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer, written on the envelopes.

The rate[s] must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and considering more than fifty paise as rupee one.

5. The officer inviting tender or his duly authorized assistant, will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money forwarded therewith shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule-1. In the event of a tender being rejected, the earnest money forwarded with such unaccepted tender shall thereupon be returned to the contractor remitting the same, without any interest.
6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
7. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgement or payment to the officer inviting tender and the contractors shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorised Cashier.
8. The memorandum of work tendered for and the schedule of materials to be supplied

by the department and their issue-rates, shall be filled and completed in the office of the officer-inviting tender before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender.

9. The tenderers shall sign a declaration under the officials Secret Act, 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them.
10. In the case of item Rate Tenders, only rates quoted shall be considered. Any tender containing percentage below/above the rates quoted is liable to be rejected. Rates quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount.
11. In the case of any tender where unit rate of any item/items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation such a tender is liable to be disqualified and rejected.
12. All rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the word "Rs" should be written before the figure of rupees and word "P" after the decimal figures, e.g. "Rs.2.20P" and in case of words, the word, "Rupees" should precede and the word "Paise" should be written at the end. Unless the rate is in whole rupees and followed by the word "only" it should invariable be up to two decimal places. While quoting the rate in schedule of quantities, the work "only" should be written closely following the amount and it should not be written in the next line.
13. The contractor shall submit an irrevocable performance guarantee of 5% (five percent) of the tendered amount in addition to the other deposits mentioned elsewhere in the contract for proper performance of the agreement (notwithstanding and / or without prejudice to any other provisions in the contract) within 60 days of issue of letter of intent. This guarantee shall be in the form of government securities or fixed deposit receipts or guarantee bonds of any scheduled bank or the state bank of India, in accordance with the form annexed hereto.
14. The contractor whose tender is accepted, will be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal to 5 % of the tendered value of the work. The Security deposit will be collected by deductions from the running bills of the contractor at 10% of the gross amount of each running bill till the sum along with sum already deposited as earnest money will amount to security deposit equal to 5% of the tendered value of the work [Bank Guarantee, is not to be accepted as Security deposit.]
15. On acceptance of the tender, the name of the accredited representative[s] of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.

16. Sales-tax, purchase tax, turnover tax or any other tax on material in respect of this contract shall be payable by the contractor and Government will not entertain any claim whatsoever in respect of the same.
17. The contractor shall give a list of both gazetted and non-gazetted C.P.W.D.&NIRD employees related to him.
18. The tender for the work shall not be witnessed by a contractor or contractors who himself/themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection.
19. The tender for composite work includes in addition to building work all other works such as sanitary and water supply installations drainage installation, electrical work, horticulture work, roads and paths etc. The tenderer apart from being a registered contractor [B & R] of appropriate class, must associate himself with agencies of appropriate class which are eligible to tender for sanitary and water supply drainage, electrical and horticulture works in the composite tender.
20. The contractor shall submit list of works, which are in hand [progress] in the following form :-

Name of work	Name & particulars of Division where work is being executed	Value of work	Position of works in progress	Remarks
1	2	3	4	5

21. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the Superintending Engineer/Executive Engineer may in his discretion without prejudice to any other right for remedy available in law cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

**Contractor**

**Executive Engineer**

**CPWD – 8.**

**National Institute of Rural Development**

State:           Telangana

Division:       CMU, NIRDPR

**Item Rate Tender & Contract for the work**

Tender for the work of: **Supply and installation of 500 KVA Transformer, including buy back of old 500 KVA transformer as is where basis. PART-A**

To be submitted by **3.00 PM**. on **31-10-22** to The Executive Engineer, Maintenance Unit NIRDPR, Hyderabad.

- i)           To be opened in presence of tenderers who may be present at **3:30 PM** on **date 01.11.22** in the office of the Executive Engineer, CMU, NIRDPR, Hyderabad..

Issued to \_\_\_\_\_  
(Contractor)

**Signature of the issuing authority**

**Executive Engineer  
CMU,NIRDPR  
Hyderabad.**

Date of issue:

**Contractor**

**Executive Engineer**

## **T E N D E R**

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, and E & F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Director General ,NIRD within the time specified in Schedule „F“, viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for Sixty (90) days from the due date of submission thereof and not to make any modifications in its terms and conditions.

A sum of **Rs.33,000/-** demand draft of a scheduled bank as earnest money. If I / we fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said Director General ,NIRD or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further if I/ we fail commence work as specified, I/we agree that the Director General , NIRD or his successor in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule „F“ and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and of the tender form.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the state.

Dated:

Signature of Contractor

Postal Address

Witness:

Address:

Occupation:

**Contractor**

**Executive Engineer**

## ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Director General, NIRD for a sum of Rs.

\_\_\_\_\_ (Rupees \_\_\_\_\_)

The letters referred to below shall form part of this contract Agreement: -

i)

ii)

**For & on behalf of DG, NIRDPR.**

Signature .....

Designation.....

Dated .....

Reference to General Conditions of contract.

Name of work : **1. Supply and installation of 500 KVA Transformer, including buy back of old 500 KVA transformer as is where basis.**

### PART-A

#### **Estimated Cost Put to Tender**

**Rs.16,50,000 (Approximately)**

Earnest money:	<b>Rs. 33,000/-</b>
Performance guarantee:-	5% of Tendered value
Security	
Deposit:	5% of Tendered value.
<b>General Rules and Directions:</b>	
Officer inviting tender:	E.E., CMU, NIRDPR, Hyderabad.
<b>Definitions:</b>	



## **Schedules**

### **Schedule 'A'**

Schedule of quantities (Enclosed)

### **Schedule 'B'**

Schedule of materials to be issued to the contractor:

Sl. no	Description Of Item	Quantity	Rates in figures words at Which the material will be Charged to the contractor	Place Of Issue
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**N I L.** All materials Shall be arranged by the contractor in accordance with the special conditions.

**Executive Engineer  
CMU,NIRDPR  
Hyderabad**

### **Schedule 'C'**

Tools and plants to be hired to the contractor

Sl.no.	Description	Hire charges per day	Place of Issue
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**N I L.**

### **Schedule 'D'**

Extra schedule for specific requirements/documents for the work, if any :      **NIL**

### **Schedule 'E'**

CLAUSE 10 CC :      **Not Applicable.**

### **Schedule 'F'**

Reference to General Conditions of contract.

## **. PART-A**

**Name of work : Supply and installation of 500 KVA Transformer, including buy back of old 500 KVA transformer as is where basis.**

**ECPT :      Rs. 16,50,000/-**

**Earnest money:      Rs. 33,000/-**

**Performance Guarantee:      5% of tendered value**

**Security Deposit:      5% of tendered value.**

### **General Rules and Directions:**

Officer inviting tender:      **E.E., CMU,NIRD&PR, Hyderabad.**

### **Definitions:**

2 (v)	Engineer-in-Charge	Executive Engineer CMU, NIRD&PR., Hyderabad.
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2 (viii)	Accepting Authority	Executive Engineer CMU.,NIRDPR, Hyderabad	
2 (x)	Percentage on cost of materials and labour to cover all overheads and profits.	15%	Corrections Interpolations Over writing E.E

2 (xi)	Standard Schedule of Rates:	Delhi Schedule of Rates 2014 with up to date Correction slips	
2 (xii)	Department:	NIRDPR	
9 (ii)	Standard CPWD contract Form:	CPWD form 8 (2005) as notified & corrected up to Date	
Clause 1	i) Time allowed for submission of performance guarantee from the date of issue of letter of acceptance, in days	7 days	
	ii) Maximum allowable extension beyond the period in i) above, in days	7 Days	
Clause 2	(i) Authority for fixing Compensation under clause 2	Technical Committee, NIRDPR. Hyderabad.	
Clause 2 A	Whether the clause 2 A shall be applicable	No	
Clause 5	No of days from the date of issue of tender acceptance for reckoning the date of start.	10 days	
(ii) Mile stone(s)	As per the table given below.		

#### Table of Mile stone(s)

Sl. no.	Financial Progress	Time allowed (from date of	Amount to be with-held in case of non achievement of mile stone
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		start)	
1	1/8 th (of the whole work)	¼ th (of the whole work)	In the event of not-achieving the necessary progress as assessed from the running payment, 1% of the tendered value of work will be withheld for failure of each milestone.
2	3/8 th (of the whole work)	½ th (of the whole work)	
3	¾ th (of the whole work)	¾ th (of the whole work)	
4	Full	Full	

Time allowed for execution of work:

**45 days**

Authority to give fair and reasonable  
Extensions of time for completion of work

Executive Engineer, **CMU**., NIRD&PR.,  
Hyderabad

Clause 7      Gross work to be done together with  
net payment / adjustment of  
advances for material collected, if  
any, since the last such payment for  
being eligible to interim payment

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Corrections  
Interpolations  
**Over writing**

**E.E**

Clause 11	Specifications to be followed for execution of work	C.P.W.D. Specifications 1996, Vol-I to VI with up to date correction slips, Revised specification. 2002 for RCC and cement mortar and relevant
		I.S.Codes and enclosed Specifications.
Clause 12	Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3.	See below.
12.2 & 12.3	Deviation Limit beyond which Clauses 12.2 & 12.3 shall apply for building works	30%
12.5	Deviation Limit beyond which Clauses 12.2 & 12.3 shall apply for foundation work	100%
Clause 16	Competent Authority for deciding Reduced rates.	EXECUTIVE ENGINEER CMU, NIRD&PR.
Clause 36	(i) Minimum Qualifications & experience required for Principal Technical representative.	Diploma in Civil Engineering.
	ii) Discipline to which the Principal Technical Representative should belong	Bachelor of Civil Engineering
	iii) Minimum experience of works.	02 years
	iv) Recovery to be effected from the Contractor in the event of not fulfilling provision of clause 36(i)	Rs. 18,000/- p.m.

- Clause 42      i)      Schedule/statement      for      -----  
                          determining      theoretical  
                          quantity      of      cement      &  
                          bitumen on the basis of Delhi  
                          Schedule of Rates 2002  
                          printed by C.P.W.D.
- ii)      Variations      permissible      on      -----  
                          theoretical quantities.
- a)      Cement:  
                          For works with estimated cost      3% (Plus / minus)  
                          put to tender not more than  
                          Rs.5 Lakhs      2% (Plus / minus)  
                          For works with estimated cost put to tender  
                          more than Rs.5 Lakhs

Corrections Interpolations  
 Over writing  
 E.E

- b)      Bitumen for all works      2.5% plus only and nil on  
                          minus side.
- c)      Steel Reinforcement and structural      2% (Plus / minus)  
                          steel Sections for each diameter,  
                          section and Category.
- d)      All other materials      Nil

#### **Recovery rate for quantities beyond permissible variation:**

Sl.No	Description of item	Rates in figures and words at which recovery shall be made from the contractor.	
		Excess beyond permissible variation.	Less use beyond the permissible variation
1	Cement (43 grade OPC ISI marked)	-----	Rs. 6000/- per tonne (Rupees six thousand only)
2	Steel reinforcement (TMT bars)	-----	Rs 64,000/- per tonne (Rupees sixty four thousand only Corrections Interpolations Over writing E.E

### **Conditions for Cement :**

1. The contractor shall procure 43 grade (confirming to IS8112) ordinary Portland cement as required in the work from reputed manufacturers of cement having production capacity of one million tone per annum or more such as ACC, L&T, J.P.Rowa, Vikram Shree cement, Birla jute and Cement Corporation India etc, i.e agencies approved by the ministry of Industry, and holding license to use ISI certification mark for their product. The tenderers a my also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacture(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially. Supply of cement shall betaken 50 Kg bags bearing manufacturers name and IS marking Samples of cement arranged by the contractor shall be taken by the Engineer – in Charge and got tested in accordance with provisions of relevant BIS Codes. In case test results indicate that the cement arranged by the contractor does not conform to the relevant BIS Code, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week"s time of written order from the Engineer-in-Charge, to do so.
2. The cement shall be brought at site in bulk supply of approximately 10 tones or as decided by the Engineer in Charge.
3. The cement godown of the capacity to store in a minimum of 600 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made. Double lock provision shall be made, to the door of cement godown. The keys of one lock shall remain with the Engineer-in Charge or his authorized representative and the key of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of cement godown. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-Charge at any time.
4. The contractor shall supply free of charge the cement required for testing. The cost of test will be borne by the contractor/Department in the manner indicated below.
  - (i) By the contractor if the result shows that the cement does not conform to relevant BIS code.
  - (ii) By the Department if the results show that the cement confirms to relevant BIS Code.
5. The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid there in.
6. Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-Charge.

### **Conditions for Steel:**

1. The contractor shall procure steel reinforcement bars conforming to relevant BIS codes from main producers such as VSP SAIL TATA as approved by the Ministry of Steel. The contractor shall have to obtain and furnish test certificates to the Engineer-in-Charge I respect of all supplies of steel brought by him to the site of work. Samples shall also be taken and got tested by the Engineer-in-Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel

arranged by the contractor does not conform to BIS codes, the same shall stand rejected and shall be removed from the site of work by the contractor at his cost within a week's time from written orders from the Engineer-in-Charge

2. The steel reinforcement shall be brought to the site in bulk supply of 10 tones or more or as decided by the Engineer-in-Charge.
3. The steel reinforcement shall be stored by the contractor at site of work in such a way as to prevent distortion & corrosion and nothing extra shall be paid on this account. Bars of different sizes and length shall be stored separately to facilitate easy counting and checking.
4. For checking nominal mass tensile strength bend test, re bend test etc., specimen of sufficient length shall be cut from each size of the bar at random at frequency not less than specified below.

Size of bar	For consignment below 300 tones.	For consignment over 300 tones.
Under 10mm dia	One sample for each 25 tones or Part thereof.	one sample for each 40 tones or Part thereof
10 to 16 mm dia	One sample for each 35 tones or Part thereof.	one sample for each 45tonnes or Part thereof.
Over 16mm dia	One sample for each 45 tones or Part thereof.	one sample for each 50 tones or Part thereof.

5. The contractor shall supply free of charge the steel required for testing. The cost of tests shall be borne by the contractor/Department in the manner indicated below :  
By the contractor, if the results show that the steel does not conform to relevant BIS codes.

By the Department, if the results show that the steel conforms to relevant BIS codes.

6. The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein.
7. Steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in-Charge.

### **SPECIAL CONDITIONS:**

1. Unless otherwise provided in the Schedule of Quantities of CPWD Specifications the rates tendered by the Contractor shall be inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra shall be payable to him on this account.
2. The contractors shall make their own arrangements for obtaining electric connections if required and make necessary payments directly to the department concerned.
3. Other agencies doing works related with this project may also simultaneously execute their works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc., for laying/burying in the work pipes, cables, conduits, clamps, boxes, and hooks for fan clamps etc., as may be required for other agencies. Conduits for electrical wiring/cables will be laid in a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreements rates shall be paid for the same.
4. Some restrictions may be imposed by the security staff etc., on the working and for movement of labour, materials etc., The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account.
5.
  - a) The work shall be carried out in a manner complying in all respects with the requirements of relevant by laws of the local body under the jurisdiction of which the work is to be executed and/or as directed by the Engineer –in-Charge. And nothing extra will be paid on this account.
  - b) If as per municipal rules the huts for labour are not to be erected at the site of work by the contractors. The contractors are required to provide such accommodation as is acceptable to local bodies and nothing extra shall be paid on this account.
  - c) The contractor shall comply with proper legal orders and directions of local or public authority or municipality and abide by their rules and regulations and pay all fees and charges, which he may be liable to pay



6. Mines & Quarries recovery of seignior-age charges from the bills of the contractors royalty at the prevalent rates shall be deducted from the bills of the contractor on the material ( where royalty is payable on materials like boulders, sand etc.) as per Govt of A.P. G.O. No. 217 dated 29/09/2004 (Copy enclosed) if the contractor fails to produce the documentary evidence having paid the seignior-age charges to the government. The quoted rate of the contractor shall be inclusive of all such royalty and taxes etc. and nothing extra shall be payable on this account.
- 7) The Contractor will have to work according to the program for work approved by the Engineer-in-Charge. The contractor shall construct a sample unit wherever applicable complete in all respect within time specified by the Engineer-in-Charge.
- 8) The contractor shall take instructions from the Engineer-in-Charge for stacking of material in any place. No excavated earth or building material shall be stacked on areas where other buildings roads, services or compound walls are to be constructed.
- 9) Cement godown shall be provided with a single door with two locks. The keys of one locks shall remain with Engineer-in-Charge of work or his authorized representative and that of the other lock with the authorized agent of the contractor at the site of work so that the cement is removed from the godown according to the daily requirement with the knowledge of both the parties and proper account maintained in standard proforma.
- 10) The contractor shall be fully responsible for the safe custody of the materials issued to him even if the materials are under double lock system.
- 11) The contractor shall construct suitable godowns yards at the site of work for storing all other materials so as to be safe against damage by sun, rain, fire, theft etc., at his own cost and also employ necessary watch and ward establishments for the purpose at his cost.
- 12) The steel doors windows, ventilators and composite units shall be got fabricated in works shop duly approved by the Engineer-in-Charge.
- 13) The proof of execution certificate should be signed/countersigned by an officer not below the rank of Executive Engineer. The tender should be able to arrange steel centering and shuttering with steel propping for an area of up to 800 Sqm at a time for concrete work.
- 14) The contractor has to submit bar chart for the execution of the work duly signed by the contractor so as to complete the work stipulated time period.
- 15) Intending tenderers are advised to visit the site and get acquainted with site conditions before tendering.
- 16) Any delay / failure on the part of the tenderer to arrange for men and materials at required time shall not be considered as valid hindrance.
- 17) The contractor has to furnish monthly progress report indicating both physical and financial status of the work.
- 18) Water charges: Clause 31 A of P W D - 8 for unfiltered water supply is not applicable since the contractor has to arrange water for construction purposes and this water shall be tested from a recognized laboratory periodically as directed by the Engineer-in-Charge. Testing charges will be borne by the contractor.
- 19) The contractor shall supply free of charge the steel required for testing. The cost of test shall be borne by the contractor /Department in the manner indicated below:
  - (i) By the contractor if the results show that the steel does not conform to relevant BIS codes.

- (ii) By the Department if the results show that the steel conforms to relevant BIS codes

20) The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein.

21) Steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in-Charge.

22) The contractor shall furnish to the Department all the purchase invoices both for cement and steel for every consignment.

23) Weight being calculated with the help of table-IV in Para 5.3.3. Of CPWD specifications 1996 however for bars M S /cold twisted up to and including 10 mm the following procedure shall be adopted. The average sectional weight for each diameter shall be arrived at from samples for each lot of steel received at site. The actual weight of steel issued shall be modified to take into account the variation between the actual and the standard co-efficient given in table IV and the contractors accounts will be debited by the cost modified quantity only. The decision to be followed for determining the average sectional weight of each lot Quantity of each diameter of steel received at site of work each lot. Quantity of each diameter of steel received at site if work each day will constitute one single lot for this purpose.

24) All materials obtained from Government stores or otherwise shall be got checked by the Junior Engineer in-Charge of the works on receipt of the same at site before use.

25) The contractor should also dismantle the entire structure along with the foundations of the existing buildings and refill with earth in the dismantled foundations wherever necessary. The contractor should not use any serviceable /unserviceable materials obtained from the dismantlement in the construction of new buildings.

26) The contractor should use factory made round type cover blocks for all R C C works to avoid displacement of bars in any directions and to ensure proper cover.

27) Sometimes it shall not be possible to pay monthly bills on account of non-availability of LOC/Budget/Deposit. No claim shall be entertained for slow progress stoppage of work on this account.

28) Materials having BIS marking shall be used on work. In case any materials where the BIS marking is not available such materials should be got from the firms approved by the Chief Engineer (SZ) II Where no such approval exists then the shall be got approved from the Engineer in charge. The materials procured without such approval will not be allowed for use in the work.

29) All aluminium extruded doors and windows shall be manufactured from standard extruded aluminium section manufactured by JINDAL INDAL or the firms approved by CE SZII.

30) Terrazzo tiles to be used shall be got from firm as approved by the CE SZII.

31) Before use in work samples of granite and marble slabs, shade of laminated particleboards and samples of manufactured items/fittings have to be got approved from the Engineer in charge.

32) Steel windows shall be manufactured in the workshop duly approved by CE SZ II from standard sections having BIS marking from approved manufacturers like Sen Harvicks/Metal Window Corporation/Madhu Industries or from the firms approved by the EE., Maintenance Unit- - NIRD., Rajendranagar, Hyderabad.

## **Form Of Performance Security Bank Guarantee Bond**

In consideration of the Director General ,NIRD(hereinafter called "The Government") having agreed under the terms and conditions of agreement No. \_\_\_\_\_ Dated. \_\_\_\_\_ made between \_\_\_\_\_ and \_\_\_\_\_ (hereinafter called "the said contractor(s)") for the work \_\_\_\_\_

\_\_\_\_\_ (herein after called "the said Agreement") having agreed to production of a irrevocable Bank Guarantee for Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_

\_\_\_\_\_ only) as security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement,

We, \_\_\_\_\_ hereinafter referred to as "the Bank") (Indicate the name of the Bank)

hereby undertake to pay to the Government an amount not exceeding Rs. \_\_\_\_\_

(Rupees \_\_\_\_\_ Only) on demand by the Government.

We \_\_\_do hereby undertake to pay the amounts (Indicate the name of the Bank)

due and payable under this Guarantee without any demure, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee.

However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only).

2. We, the said Bank further undertake to pay to the Government any money so demanded notwithstanding my dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, out liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

3. We \_\_\_\_\_ further agree that the guarantee herein  
(Indicate the name of the Bank)

contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-charge on behalf of the government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.

4. We \_\_\_\_\_ further agree  
with the Government

(Indicate the name of the Bank)

that the Government shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to for-bear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said

contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

5. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).

6. We \_\_\_ undertake not to revoke this (Indicate the name of the Bank) \_\_\_\_\_ lastly  
guarantee except with the previous consent of the Government in writing.

7. This guarantee shall be valid up to \_\_\_\_\_ unless extended on  
demand by Government. Notwithstanding any mentioned above, our liability  
against this guarantee is restricted to

Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_)

\_\_\_\_\_  
only) and unless a claim in writing is lodged with us within six months of the  
date of expiry or the extended date of expiry of this guarantee all our liabilities  
under this guarantee shall stand discharged.

Dated the \_\_\_\_\_ day of \_\_\_\_\_

for \_\_\_\_\_ (Indicate the name of the  
Bank)

**Contractor**

**Executive Engineer**

### GENERAL TERMS AND CONDITIONS:

1. The work in general shall confirm to CPWD specifications Vol.-I, Vol.-VI/ electrical specifications with up to date correction slips and as directed by the Engineer-in-charge.
2. The rate shall be mentioned both in figures and words, the rates mentioned in words will be taken as correct rates.
3. The rates are net and inclusive of all taxes transport royalty, VAT., octroi etc., and nothing extra to be paid on any account.
4. No T & P will be issued by NIRDPR.
5. A variation of 10% is allowed in quantities for all the times.
6. The contractor should make his own arrangements for all the materials including cement, steel etc., and shall be kept under the control of the Executive Engineer, NIRD., ISI., approved products only shall be used.
7. The water is to be arranged by the contractor at his own cost, if any time the water is supplied by NIRD a deduction of 1% of the bill amount will be deducted from the bill.
8. The payment will be made as per actual measurements.
9. Any damage to the adjacent structure shall be made good by the contractor at his own cost.
10. The right to reject any or all the tenders reserve with the EE NIRD.
11. The contractor shall clear the site properly after completion of the work.
12. The income tax and other statutory recoveries will be recovered from the gross amount of the bills as per rules.
13. The time limit for the completion of the work is as mentioned in tender notice and any delay beyond the stipulated time period compensation will be levied from the contractor as per CPWD rules.
14. No labour will be allowed to stay in the campus in nights however the chowkidar who looks after the materials of the contractor will be allowed to stay.
15. The contractor should procure cement (OPC) from the reputed companies such as CORAMANDEL, KCP., ACC., AMBUJA, ULTRA TEK etc., as directed by Engineer-in-charge.
16. The contractor should procure steel from the reputed firms.
17. The contractor has to submit the VAT Registration certificate before recording Running Account bill.

**Contractor**

**EXECUTIVE ENGINEER**

## INTEGRITY PACT

To,

.....,  
.....,  
.....

Sub: NIT No. **EE/CMU/NIT/22-23/05**

for the work of: Supply and installation of 500 KVA Transformer, including buy back of old 500 KVA transformer as is where basis.

Dear Sir,

It is here by declared that NIRDPR is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the NIRDPR.

Yours faithfully

**EXECUTIVE ENGINEER**