



Uttar Bihar Gramin Bank

Head Office, Kalambagh Chowk, Muzaffarpur

Tender reference No.HO:GAD:08/2015-16: 05 dt. 08.07.15

**TENDER FOR INSTALLATION OF ELECTRICAL
PANEL, EARTHING AT HEAD OFFICE OF
UTTAR BIHAR GRAMIN BANK**

Tender Notice

Installation of electrical Panel, earthing at Head Office.

(Only empanelled vendors of Uttar Bihar Gramin Bank can quote)

Uttar Bihar Gramin Bank invites sealed tenders for installation of electrical panel, earthing work at the Premise of Uttar Bihar Gramin Bank, Head Office at Kalambagh Chowk, Muzaffarpur under the following Terms & Conditions:

The complete tenders in all respect are required to be submitted at the following address : -

<u>Tender reference</u>	<u>HO/GAD/15-16/05 Dt. 08.07.2015</u>
<u>Start date of tender</u>	08.07.2015
<u>Last date for bids</u>	<u>14.07.2015 upto 2.30 PM</u>
<u>Date of opening of</u>	<u>14.07.2015 at 3.30 PM</u>
<u>Technical Bid</u>	
<u>Address for communication</u>	General Manager Uttar Bihar Gramin Bank Kalambagh Chowk, Muzaffarpur – 842 001 (Bihar)

Terms & Conditions

1. The rates should be inclusive of all types of taxes, charges, expenses etc.
2. Please quote competitive rate on the enclosed format.
3. The materials should be used as per make/specification mentioned in BOQ.
4. If any change required that should be approved by designated electrical engineer/Head Office authority.
5. Please ensure that the measurement / quality of items are tentative. It may vary at the time of installation as per requirement at site.
6. After the completion of work please obtain certificate from Architect / Engineer about the installation of items.
7. Bank will retain 5% of bill amount for One year while making the payment to cover the defect liability period from the date of payment of final bill.
8. Please ensure inspection of material / equipment by Bank's approved electrical engineer before starting the work.
9. The quotation (financial bid) in sealed cover should reach at Head Office on or before 14.07.2015 upto 2:30 PM.
10. The quotation received within time will be opened on 14.07.2015 at 3:30 PM . Tenderer may present at the time of opening of tenders.

[**R. K. RUNGTA**]
GENERAL MANAGER

Date :: 08.07.2015

Place :: Muzaffarpur

B.O.Q
ELECTRIC PANEL OF
Utar Bihar Gramin Bank-Head office,Muzaffarpur.
I. ELECTRICAL WORKS

SL. NO.	DIFFERENT HEADS OF WORK	AMOUNT IN RS.
1	SUB HEAD - II (PANELS BOARD DETAILS)	
2	SUB HEAD - III (SUPPLY OF CABLE MAIN & SUBMAIN)	
3	SUB HEAD - IV (SUPPLY & MAKING OF EARTH-PITS)	
	TOTAL	

Signature of Tenderer with seal

ESTIMATE OF ELECTRICAL WORKS**SUB HEAD - I (WIRING)****SUB HEAD - I (PANELS BOARD DETAILS)**

SL. NO.	ITEM OF WORK	UNIT	QTY	RATE-Rs.	AMOUNT-Rs
1. 2.2.18 D.S.R	Providing and fixing 400 amps, rating 36 ka.breaking capacity TPN MCCB in made of 1.6mm thick sheet steel enclosure duly painted with powder coating, wall straps exiting cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. Make-(C&S,M.D.S, and L&T)	Each	1		
2. M.R	Providing and fixing 400 amps. TPN, one way, tap off box with TPN disconnecter FSU and ISI marked HRC fuses for rising mains inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required.	Each	3		
3. 3.1.4 D.S.R	Supplying, installing on wall, testing and commissioning of 600 amps (S.C. rating for 1 sec - 45 KA) capacity rising mains made of 1.6mm thick sheet steel enclosure duly painted with powder coating, wall straps, fully PVC insulated 4 Nos aluminium bus bars in convenient sections and suitable for 415 volts, 3 phase, 4 wire, 50 Hz, A.C. supply with extension joints, fire proof barriers, expansion joints, thrust pads including jointing, and earthing with 2 runs of galvanised iron strips etc. as required. (Rising mains confirming to IS 8623, TEC 439) Make-(C&S,M.D.S, and L&T)	Each	2		
4. 2.7.7 B.S.R	Supplying, installing, testing and commissioning of 250 amps capacity TPN change over in side operated handal with box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on existing rising mains complete with connections, earthing etc. as required. Make-(C&S,M.D.S, and L&T)	Each	1		
5.(A) 2.14.2 D.S.R	(i) 32/40Amps, T.P.N 10 Ka MCB	Each	13		
5.(B) 2.14.3 D.S.R	(i) 63Amps, T.P.N 10 Ka MCB	Each	9		
5.(C) 2.10.3 D.S.R	(i) 63Amps, D.P 10 Ka MCB	Each	13		
6. M.R	Supplying, installing, testing and commissioning of A.V.F meter 2Amps -3 nos and Poilt lamp-3 nos. RYB etc. in PANEL box . as required as per dwg.	SET	1		
7. M.R	Supplying, installing, testing and commissioning of PANEL box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on existing rising mains complete with connections, earthing etc. as required as per S.L.D. (Size of panel- hight 6'-06"x writh 6'-00"x deep 0'-10"=39 sq. ft.)	sq.ft	16		
8. M.R	Supplying, wiring and commissioning of all divice in panel with copper wire as per load and commissing with proper size thamb-nail ,nut-bolts etc. in PANEL box . as required as per dwg.	SET	1		
	TOTAL SUB HEAD-I				

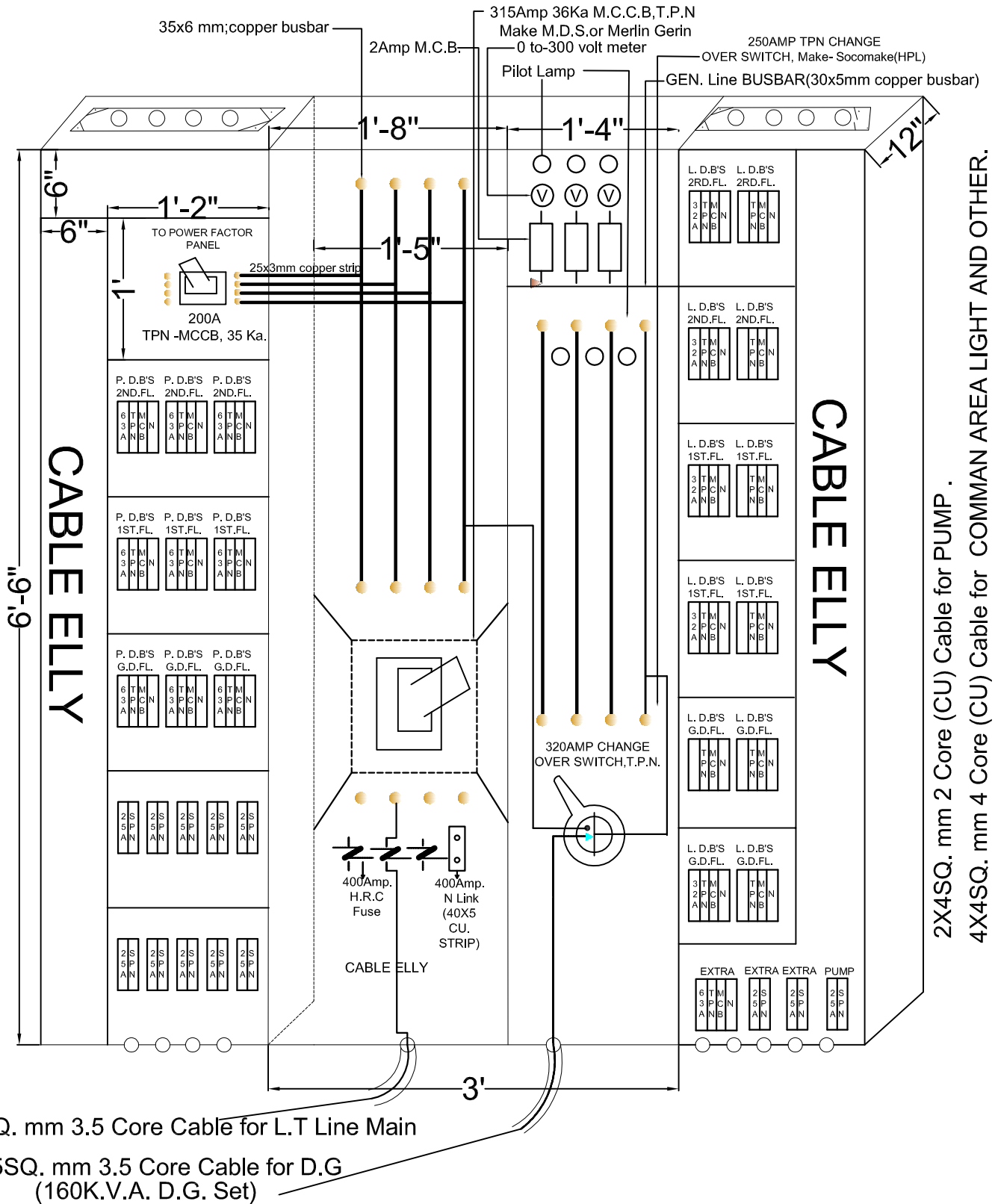
SUB HEAD - II (SUPPLY OF CABLE MAIN & SUBMAIN)

SL. NO.	ITEM OF WORK	UNIT	QTY	RATE-Rs.	AMOUNT-Rs
1	Supply & laying for sub main from L.T line & DG line following sizes and core PVC/XLPE insulated PVC sheathed, heavy duty, armored electrical cable with aluminum conductor for working voltage up to and including 1100 volts.(Conforms to IS:1554.part-1) with 8 no. SWG die bare copper conductor wire for loop earthing, proper laying on wall or roof, thumbnail clipping and use proper size cable gland for cable sport etc. as required. all complete as per instructions of Elec.Er. / Architect. (HAVELLS, GOLESTER)				
1. (A) 6.14.5 D.S.R	(i) 25 sq.mm. 3.5 core (AL.) for L.T. line.	Mtr.	40		
1 (B) 6.14.3 D.S.R	(ii) 16 sq.mm. 2 core (AL.) for D.G. line.	Mtr.	35		
	TOTAL SUB HEAD-II				

SUB HEAD - III (SUPPLY & MAKING OF EARTH-PITS)					
SL. NO.	ITEM OF WORK	UNIT	QTY	RATE-Rs.	AMOUNT-Rs
1. 3.1+3.4+ 3.10	Supply, Fixing & Hole cutting in earth as per drawing of GI. PIPE Electrode earth, all complete as per specifications and drawings attached.(EARTH for UPS body and all UPS or all power plug point socket's third point. and ganareter body.) <u>-The rate shall be inclusive of submission of TEST REPORT (2 Ohm) of each earth pitand TESTING shall be carried out in front of Officials / Consultant. -</u> <u>Earth pit material should be verified by Branch Manager before installation as per specification in B.O.Q.</u>	Each	3		
2. 3.6+3.8+ 3.9	Supply, Fixing & Hole cutting in earth as per drawing of (CU) (300mm X 300mm X 3mm) plate electrode earth, all complete as per specifications and drawings attached. (EARTH for UPS Main, L.T main, D.G. main neutral only.) <u>-The rate shall be inclusive of submission of TEST REPORT (2 Ohm) of each earth pitand TESTING shall be carried out in front of Officials / Consultant. -Earth pit material should be verified by Branch Manager before installation as per specification in B.O.Q.</u>	Each	8		
3. 3.17	Supplying , laying and fixing 25mmx5mm copper earth strip along with G.I earth pipe up to earth chamber for loop earthing as required.	Mtr.	42		
4. 3.9	Supplying , laying and fixing 8 SWG copper conductor wire for loop earthing as required.	Mtrs.	142		
5. 1106+ 1201+ 1206+ 1216	S/I/T/Commissioning of 1 No. of 6 Sq.mm. single core PVC flexible copper wire for UPS in 20mm PVC conduit from cu. earth with all required accessories etc.	Mtrs.	688		
TOTAL SUB HEAD-III					

Signature of Tenderer with seal

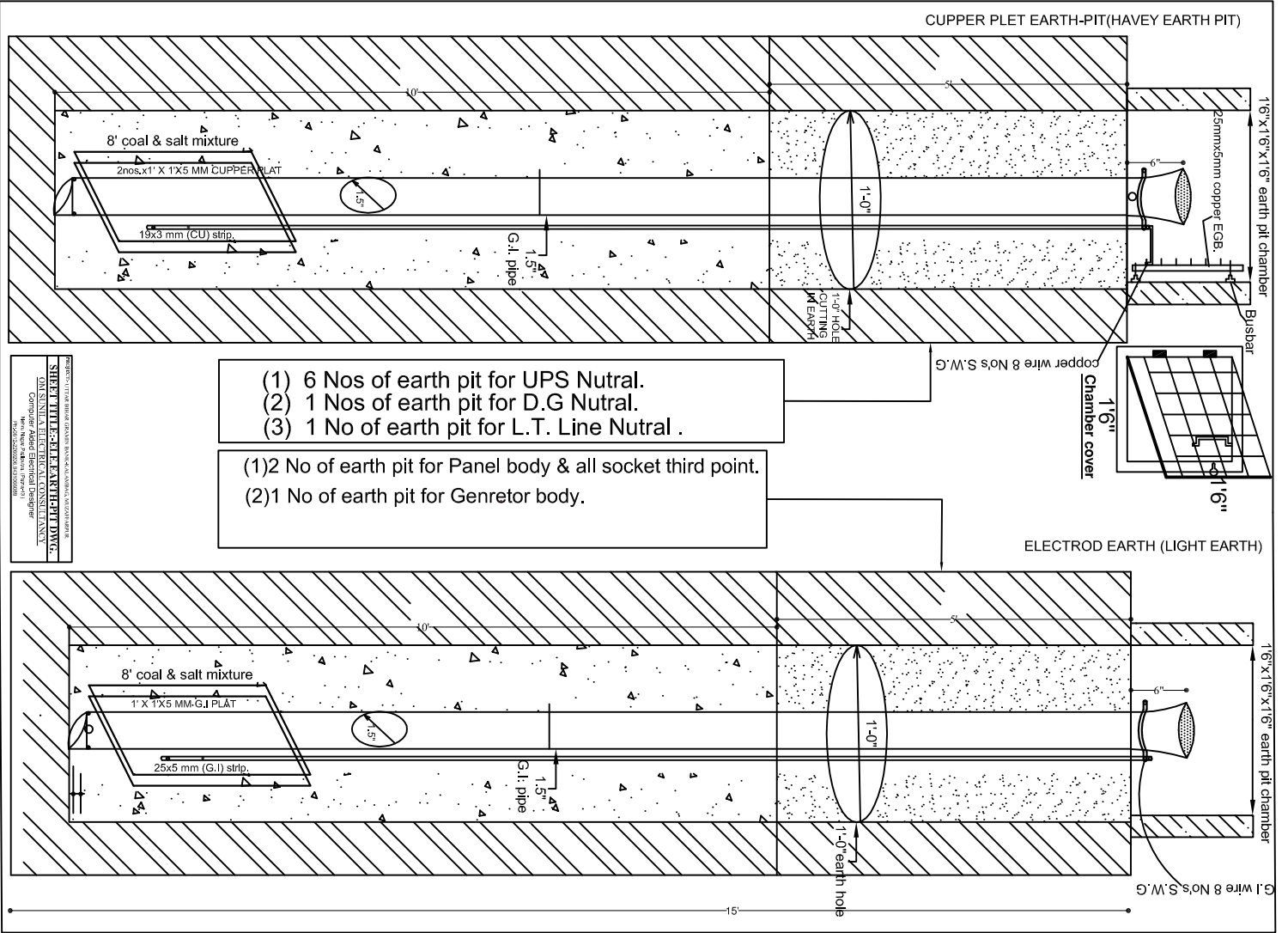
UTTAR BIHAR GRAMIN BANK-KALAMBAG, MUZAFFARPUR.



PROJECT:- UTTAR BIHAR GRAMIN BANK-KALAMBAG, MUZAFFARPUR.

SHEET TITLE:-ELE.PANEL DWG.

OM SUNILA ELECTRICAL CONSTRUCTION&CONTRACT WORK
 COMPUTER AIDED ELECTRICAL DESIGNER
 230/A RAY RAM BRIKSH PATH, NEHRUNAGER, PATLIPUTRA, PATNA.
 PIN-800013 & Ph:-0612-2260206,9431066089
 email:-omsunila@gmail.com & omsunilaelectricconsultancy@gmail.com



REGISTERED MEMBER INDIAN INSTITUTE OF ELECTRICAL ENGINEERS
OM SUNIL A ELECTRICAL CONSULTANCY
 SHEET TITLE :- EARTH PIT DWG.
 230/A RAY RAM BRIKSH PATH, NEHRUNAGER, PATILIPUTRA, PATNA
 PIN-800013 & Ph.-0612-2260206, 9431066089
 email:- omsunila@gmail.com & omsunilaelectricalconsultancy@gmail.com

- CUPPER PLET EARTH-PIT=8 NOS.
(HAVEY EARTH PIT)**
- 1.-G.I. pipe 15 feet with 8feet net cutting.-1 no.
 - 2.-G.I. Redution sicket 2.5"/1.5"-1 no.
 - 3.-G.I. Plug 2.5" dia-1 no.
 - 4.-12"x12" chamber cover-1 no.
 - 5.-Copper Plate 24"x12"x3mm-2 no.
 - 6.-Copper strip 20mmx3mm-18feet.
 - 7.-Salt 10 K.G.
 - 8.-Wooden coal- 60 K.G.
- G.I. PLET EARTH-PIT=3 NOS.
(LIGHT EARTH PIT)**
- 1.-G.I. pipe 15 feet with 8feet net cutting.-1 no.
 - 2.-G.I. Redution sicket 2.5"/1.5"-1 no.
 - 3.-G.I. Plug 2.5" dia-1 no.
 - 4.-12"x12" chamber cover-1 no.
 - 5.-G.I Plate 12"x12"x5mm-1 no.
 - 6.-Copper wire 6No. SWG-18feet.
 - 7.-Salt 10 K.G.
 - 8.-Wooden coal- 60 K.G.

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