

# Normal Sanchar Nigam Ltd.

Connecting India

(A Government Of India Enterprise) O/o The Sub-Divisional Engineer (Electrical)

BSNL Electrical Sub-Division-I,Sambalpur

Ph- 0663-2410810,

# NIT NOTIFICATION

The Sub-Divisional Engineer (Elec.), BSNL Electrical Sub-Division-I, Sambalpur invites on behalf of the Bharat Sanchar Nigam Limited sealed item rate tenders for the following works from the contractors satisfying the under mentioned eligibility conditions: -

SI. No.	Name of work	Estimated cost.(Rs.) (Ex. GST)	E.M.D. (Rs).	Time allowed for completion	NIT No.
	Replacement of 125A C/o Switch at TE Deogarh and allied repairing works at Telephone Bhawan, Sambalpur.	39174.00	783.00	07 Days	126/BSNL-ED/SBP/18-19

Tender paper cost(Non refundable) Rs.	177.00	
Last Date of receipt of application:-	27.02.2019	(upto 4.00PM)
Last Date of tender paper sale:-	27.02.2019	(upto 5.30PM)
Last Date of tender paper receipt:	28.02.2019	(upto 3.00PM)
Date of opening:-	28.02.2019	(at 3.30 PM).

Eligibility Criteria :-

1 BSNL enlisted contractor and should have done three similar works .

2 All other terms& conditions as per BSNL ED-6 and BSNL EW-8 form.

3 The tenderer shall submit the tender in 2 sealed covers marked as cover 1st and 2nd inscribing the name of work. Both should be separate & they should not be enclosed in common third cover. The first cover should contain the earnest money deposited in the shape of demand draft/pay order of a schedule bank/nationalized bank/state bank guaranteed by reserve bank of India drawn in favour of Accounts Officer(Cash), BSNL O/O G.M.T.D., Sambalpur. In case submitting tender down loading from web site, the 1st cover should contain DD towards cost of tender document and EMD drawn in favour of AO(Cash) BSNL O/O G.M.T.D. Sambalpur along with attested copy of eligible criteria. The second cover contains the tender documents. If the 1st cover is not annexed in proper form, the second form containing tender will not be opened at all.

Note :- I) The company or firm or any other person is not permitted to tender

for work in BSNL unit in which his/her near relative(s) is(are) posted .

4 If the date of opening is declared as holiday, then the tender shall be opened on next working day.

5 If the performance of the contractor is not satisfactory his tender shall not be opened. EE(E)'s decision shall be final and binding.

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, Sambalpur

#### No:- 20(1)/TESD-I/SBP/07

Copy to-

1) SE(E), BSNL Electrical Circle, Bhubaneswar

2 - 4) The Executive Engineer(E) BSNL Electrical Division, Sambalpur/Cuttack/Bhubaneswar.

5-15). The Sub-Divisional Engineer(E) BSNL.E.S.D., Bhubaneswar-I/II/Cuttack-I/II/Berhampur/

- Sambalpur-II/Rourkela./Koraput/Dhenkanal/Bolangir.
- 16) The Vigilance Officer, O/O the CGMT, Orissa Circle, Bhubaneswar.
- 17) The Accounts Officer(Cash),BSNL O/o G.M.T.D,Sambalpur.

18) The Notice Board

19) website.

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, Sambalpur

Dt:-11.02.2019

# BHARAT SANCHAR NIGAM LIMITED

(A Government Of India Enterprise)

Item rate tenders are invited on behalf of the BSNL from elic	Item rate tenders are invited on behalf of the BSNL from eligible contractors for the work of :-				
Replacement of 125A C/o Switch at TE Deogarh and allie	Replacement of 125A C/o Switch at TE Deogarh and allied repairing works at Telephone Bhawan, Sambalpur.				
The work is estimated to cost Rs. This estimate however is given merely as a rough guide. ) Tender will be issued to	39174.00 BSNL enlisted contractor and should have done three similar works				
completed work of magnitude as specificied in press notifica	ation at page No. 4.				
<ul> <li>Agreement shall be drawn with the successful tenderer on prescribed form</li> <li>no. 8 which is available as a Govt. of India publication, tender shall quote</li> <li>his rates as per various terms and conditions of the said form which will form</li> <li>part of the agreement .</li> <li>The time allowed for carrying out the work will be</li> <li>07 Days</li> </ul>					
). The availability of individual site will be specified in the lette					
) . Receipt of applications for issue of forms will be stopped by 1600 Hrs. two days before the date fixed for opening of tenders. Issue of tender forms will be stopped three days before the date fixed for opening of tenders. Tender documents consists of plans , specifications, the schedule of quantities of the various classes of work to be done and the set of terms and conditions of contract to be complied with by the whose tender may be accepted and other necessary document can be seen in the office of the Sub-Divisional Engineer (E),BSNL ELECTRICAL SUB-DIVISION-I, Sambalpur between 11.00 AM & 04.00 PM every day except on Sunday and public Holiday. Tender documents, excluding standard form, will be issued from his office , during the hours specified above on payment of Rs. 177.00 only in DD.					
. The tender must produce an Chattered Accountant certificate in the revised form as modified under Ministry of Finance O.M. No. 67/30/69/ITAL dated 02.07.1970 as amended from time to time before tender papers can be sold to him.					
). Tenders, which should always be in sealed envelope, with th and due date written on the envelope, will be received by the [Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, up to 03.00 PM on representative in his office on the same day at 03.30 PM.	ne				
<ul> <li>The tender shall be accompanied by earnest money (unless exempted) of Rs.</li> <li>The form of DD of a scheduled Bank issued in favour of Accounts Officer (Cash)BSNL,O/O the G.M.T.D., Sambalpur, the amount being credited to Nationalized Bank / State Bank .</li> <li>The description of the work is a follows :-</li> </ul>					
Name of the work :-	Replacement of 125A C/o Switch at TE Deogarh and allied repairing works at Telephone Bhawan, Sambalpur.				
Copies of other drawings and documents pertaining to the w tenderers at the office of the above mentioned officer. Tende the site and its surroundings and satisfy themselves before s	erers are advised to inspect and examine submitting their tenders as to the ground and				

- 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 responsible for arranging and maintaining at his own cost all materials , tools & plants, water electricity access, facilities for workers and all other service 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 plants, etc. will be issued to him by the department and local conditions and other factors having a bearing on the execution, of the work.

1 The competent authority on behalf of the BSNL does not bind himself to accept the lowest or any other tender and reserves to himself the authority to reject any or all the tenders received without the assignment of any reason.

All tenderers in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the renderer shall be summarily rejected.

The public enterprises that avail benefits of the purchase preference should be subjected to adequate penalties for cost overruns etc.

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

- 3 The competent authority on behalf of BSNL 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.
- 4 The contractor shall not be permitted to tender for work in the BSNL (responsible for award and execution of contracts) in which his near relative is posted as divisional account ant 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 BSNL or in the Ministry of communication. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
- 5 No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering Department of he Government of India 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 Government of India 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 obtained the permission of the Government of 'India as aforesaid before submission of the tender or engagement in the contractor's service.

The tender for the works shall remain open for acceptance for a period of ninety days from the date of opening of tenders. If any tender withdraws his tender before the said period or makes any notifications in the terms and condition 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 earnest money as aforesaid.

6 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 15 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 there to.

b) Standard C.P.W.D. form 8.

#### Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, Sambalpur

## Near relative(s) of BSNL employee not permitted to tender :

The company or firm or any other person is not permitted to tender for works in BSNL unit in which his near relative(s) is ( are ) posted . The unit is defined as SSA/ Circle / Chief Engineer / Chief Architect / Corporate office for non- executive employees and all SSA in a circle including circle office / Chief Engineer/ Chief Architect/ Corporate office for executive employees ( including those called as Gazetted officers at present). Therefore , it has been decided by the competent authority that a clause must be added in the tender and other related documents that the tenderer should give a certificate that none of his / her such near relatives is working in the units as defined above where he is going to apply for tender. In case of proprietorship form certificate will be given by the proprietor , for partnership firm certificate will be given by the partners and in case of limited company by all the directors of the company.

Any breach of these conditions by the company or firm or any other person, the tender / work will be cancelled and earnest money / security deposited will be forfeited any stage whenever it is so notices. The department will not pay any damages to the company or firm or the concerned person. The company or firm or the person will also be debarred for further participation in the concerned unit.

#### FORMAT OF THE CERTIFICATE TO BE GIVEN BY THE FIRM/ PERSON:

Ι	S/O	
R/O	here by certify that none of my relative(S)	
as defined below is/ are e	mployed in BSNL unit as per details given in the	
tender documents. In case at any stage, it is found that the information given		
by me is false / incorrect, BSNL shall have absolute right to take any action as		

deemed fit / without any prior intimation to me.

a) Members of Hindu Undivided family,

b) They are husband and wife,

c) The one is related to the other in the manner as father, mother, son(s) &

son's wife (daughter- in - law), Daughter(s) & daughter's husband (son-

in law , brother(s) & brother's wife , sister(s) & sister's husband( brother in law).

Signature of the firm / person.

#### DECLARATION

I ...... (full name of contractor ) further declare that while submitting the tender for

.....

......( full name of work ).

I fully agree to abide by the aforesaid terms and conditions of the contract and shall be bound to enter into the agreement in case my tender is accepted. I undertake to bear all liabilities I.e. duties etc. arising out of 46th amendments of constitution of India.

Date :-

(Full signature of the tenderer)

## Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, Sambalpur

#### **GENERAL SPECIFICATIONS.**

1) The work shall be carried out as per current department / CPWD specifications.

- Layout of the work shall be given at site of work by the Engineering in Charge or his duty authorized representative.
- Samples of the all articles shall be got approved from the Engineer in Change before they are used.
- 4) The work shall be supervised by the qualified supervisor from the contractor's side.
- 5) Any damage done o the building / equipment of the department shall be made
- good by the contractor without any extra cost. 6) No T & P shall be issued to the contractor by the department.
- 7) Testing shall be done in the pres4nce of the Engineering in Change or his
- duly authorized representative.
- 8) The contract shall stand for guarantee against defective materials of manufacturing defects and workmanship for the work carried out by him for the period of one year from it's commissioning & make good / repair / replace the faults during this period without any extra cost , failing which the same shall got done at the risk and cost of the contactor.
- Security deposited of the contractor shall be released only after satisfactory completion of guarantee period.
- 10) Makes of product shall be as per product directory enclosed or approved by the Engineer in Change.

#### Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, Sambalpur

## **"ESSENTIAL CONDITIONS OF CONTRACT "**

The firm shall read care3fully the following conditions and shall quote accordingly conforming all the points in their offer. Firm should specifically note that if they do not enclose E.M.D. with their tender , their tender will not be opened at all.

## 1. TAXES AND DUTIES :

BSNL shall deduct income tax and other statutory deductions / cess from payments due to the firm as per rules of the State / Central Government. The Accounts Officer of the concerned Division shall issue certificates for such deductions to the firm. In case of statutory variation in GST within the stipulated date of completion of individual agreement, the same shall be paid or recovered as per the actual against documentary proof for major equipments/ materials. However, beyond this period BSNL will take advantage of any duty reduction but will not pay extra on account of duty increase.

- 2 **Evaluation of Tenders:**-The evaluation and comparison of responsive tenders shall be done on the basis of cost to BSNL, considering GST as Input Tax Credit.
- 3. Loading , unloading , transportation, insurance etc. shall all be included in their offer.
- 4. All the materials will be under the charge of the contractor till it is completed and handed over . No materials will be removed from site without written permission of the Engineer - in Charge.
- 5. Firm shall confirm to carry out the work as per the N.I.T. conditions.
- PAYMENTS TERMS: No advance payments will be made. Stipulations like levy of interest if any payment is not made in specificied time is not acceptable to the department.

7. Offer should be clear . Any ambiguous offer is liable fo rejection by the department.

There will be negotiate with the lowest tenderer. Hence the firms are

requested to quote carefully. Department's decision in this regard shall be

final and binding on the tenderer . Offer with condition will be summarily rejected.

### 8 GST

8.1 All taxes and Duties are as per applicable GST. Variation if any will be guided by Statutes pertaining to GST.

8.2 The Firm shall furnish Invoices to BSNL for availing of applicable Input Tax Credit.

8.3 Vendors should furnish the correct HSN/SAC code. If the Input Tax Credit (ITC) under GST is found to be not admissible at any stage subsequently owing to wrong furnishing of data, the vendor will be liable such non-admissible amount, if already paid along with penalty if charged by the concerned authority.

8.4 If the Vendors fail to furnish necessary supporting documents for availing of input tax credit by BSNL, the amount pertaining to such input credit will be deducted from the payment due to the firm.

8.5 Invoices should clearly indicate break up details of composite price i.e. unit price of goods/services/materials and GST etc.
8.6 In case of any statutory variations in regard to GST or any other taxes, within the currency of contract including extension period if any, the same shall be admissible as per prevailing GST laws as applicable subject to the condition that, the reason for such extension of time period is not attributable to the agency

# Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, Sambalpur <u>SPECIFICATION</u> <u>E.I & FANS :</u>

- 1 The work is to be carried out as per CPWD specifications (External) and I.E Rule amended up to date.
- 2 Good workmanship is an essential requirement to be complied with. The entire work of manufacturer, fabrication, assembly and installation shall conform to sound engineering practice.
- 3 Rates quoted shall be inclusive of packing , forwarding, insurance , freight and delivery at site watch and ward of all materials.
- 4 All Sundry fittings, accessories, hardware items, foundation bolts, termination lugs for electrical connection as required and all other sundry items which are useful & necessary for proper assembly and efficient working of the various components of the works shall be deemed to have included in the tender.
- 5 Following works shall be carried out by the contractor and therefore their cost shall be deemed to be included in their tendered cost.
- a) The contractor shall be responsible for repairing all damages and restoring the same to their original finish. He shall also remove at his cost all unwanted and waste materials arising out of his work from his site.
- b) All chases required in connection with the electrical works shall be provided and filled by the contractor to the original finish.
- c) Temporary shed if required over the storage space and locking arrangement , watch and ward of the materials shall be provided by firm till completion of the work and final taking over of the installation by the department.
- 6 The contractor shall employ qualified engineer/Supervisor as required and intimate names of such persons to the Engineer- in- Charge on commencement of work. Failure to employ will attract penalty as per agreement.
- 7 If any conduit is laid before award of work recovery for the same will be made from contractor at the rate of S.R. 94 + Abatement of respective S/H of this tender.
- 8 All non- metallic conduit pipes and accessories shall be of I.S.I marked, conduit accessories shall be of grip type / threaded type.
- 9 PVC conduit to be used shall be ISI marked heavy gauge and fire retardant quality.
- 10 The switch box shall be made of mild steel of size 16 / 18 SWG as per CPWD specification except the front side. The clear depth of M>S> switch shall not be less than 60 mm. Phenolic laminated sheet cover of 3 mm thick shall be provided in the front side of box.
- 11 Earthing shall be carried out in presence of representative of the department.
- 12 Numbering and sign writing of entire installation shall be carried out by the contractor as per instructions of the Engineering - in- Charge for which nothing extra shall be paid.
- 13 On completion of installation following tests shall be carried out:;
  - a) Insulation resistance test.
  - b) Polarity test.
  - c) Earth continuity test.
  - d) Earth electrode resistance test.
- 14 On completion of electrical installation a certificate shall be furnished by the contractor in prescribed proforma, this certificate shall be in addition to the certificate required by local electric supply company.
- 15 Breaking capacity of MCBs should be 10 KA.

SCHEDULE OF WORK

	SCHEDULE OF WORK Name of work:	Replacement o	f 1254 C/o Swi	tch at TE Deoga	rh and allied renairing works
	Name of work: Replacement of 125A C/o Switch at TE Deogarh and allied repairin at Telephone Bhawan, Sambalpur.			In and alled repairing works	
SI.	Description of items	Quantity	RATE		AMOUNT
1	Attending of fault thorough testing, checking and restoration of power supply by required replacing of burnt sockets, connecting cables if any in DB and panel on an urgent basis etc. at TE Deogarh complete as required.			Job	
2	Supplying & fixing of following items i/c connections with existing cable i/c tesing, checking etc. at TE Deogarh as regd.				
a)	Open Execution type On Load, Front operated, 4 Pole 415V, 50Hz 125A Changeover Switch i/c dismantling the existing one complete as required.	1 Nos.		Each	
b)	S/ Making socketiong i/c removing the old heated one complete as reqd.	2 Jobs		Job	
3	Providing & Making shed for protection of the metering unit from direct sun/ rain as per request from the MRT JE at Telephone Bhawan, Sambalpur i/c pdg. required PVC sheets angle, pipes etc. complete as required.	1 Job		Job	
4	Supplying & Laying of 12 core 1.5Sqmm. PVC insulated, XLPE Seathed Armoured Cu conductor cable for connection to the new Energy meters & 02Nos. Check Meters to be installed by the MRT wing of WESCO, Sambalpur at Telephone Bhawan, Sambalpur i/c connection, testing, checking, commissioning with the energy meter complete as required.	20 Mtrs.		Mtr	
5	Dismantling of the 2X7.5HP Centrifugal pump sets, Industrial DB, Cubical pump DB from pump room, Industrial DB, Metering units, fans etc from the Staff Qtrs. Colony complete for transportation as required.	1 Job		Job	
6	Transportation of the above dismantled items from the closed colony at Gobindpalli, Bargarh to Telephone Bhawan, Sambalpur i/c loading & unloading the same complete as required.	1 Job		Job	
7	S/Fixing of heavy duty 40mm Dia U-PVC pipe for collection & extraction of condensed water as a drain pipe etc as reqd.	36 Mtrs.		Mtr.	

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, Sambalpur

# LIST OF APPROVED MAKES FOR E.I. & FAN, PUMP SET, COMPOUND LIGHT

1       ACB       L & T / Siemence / Control & Switchgear / Schneider/ GE Power Control         2       MCCB       L & T / Siemence / Control & Switchgear / Schneider/ GE Power Controls.         3       TPN Switches & HRC fuses       Siemence / L & T / Havels/ HH Elcon/ Schneider/ Standard (Upto 400A)/ GE Power controls         4       C.T.       AE / IMP / Marshal / Pactil / Kappa / L &T / Ashmor / Indcoil / Waco / Meco         5       Ammeter / Voltmeter       AE / IMP / Universal/ Reshabh /Kaycee / Meco / Enercon.         6       Selector Switch       L&T / KEYCEE / AE/ IMP / THAKOOR/ Reco / Vaishno/ Salzor/ Rass Control         7       INDICATING LAMP       Vaishno/ Siemens/ L&T / AE/ IMP/ Rass Control / Teknic / Schneider / Kaycee.         8       LED based avaiation lamp       MS. G.S. Enterprises/ M/S. Insta Power/ Shrigauri         9       CAPACITOR (APP Type)       Khatau Junkar/ Shneider / L & T / Universal Electric / Usha / Asian / AE/ IMP.         10       Cable ISI Mark       ISI Marked         11       PVC insul. Cu cond wire       Havell, Anchor, L &T, Phinolex, Polycab         12       Fire Extinguisher       ISI Marked         13       Rubor Matting       ISI Marked         14       Cable Joint Kt       Raychem / M. Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip	SI.	Item	Name of Manufacturer
3       TPN Switches & HRC fuses       Controls.         3       TPN Switches & HRC fuses       Siemence / L & T / Havels/ HH Elcon/ Schneider/ Standard (Upto 400A)/ GE Power controls         4       C.T.       AE / IMP / Marshal / Pactil / Kappa / L & T / Ashmor / Indcoil / Waco / Meco         5       Ammeter / Voltmeter       AE / IMP / Universal/ Reshabh /Kaycee / Meco / Enercon.         6       Selector Switch       L&T / KEYCEE/ AE / IMP / THAKOOR/ Reco/ Vaishno/ Salzor/ Rass Control         7       INDICATING LAMP       Vaishno/ Siemens/ L&T / AE / IMP/ Rass Control / Teknic / Schneider / Kaycee.         8       LED based avaiation lamp       WS. G.S. Enterprises/ M/S. Insta Power/ Shrigauri         9       CAPACITOR (APP Type)       Khatau Junkar/ Shneider / L & T / Universal Electric / Usha / Asian / AE/ IMP.         10       Cable ISI Mark (a) upto 1.1 KV grade.       ISI Marked         11       PVC insul. Cu cond wire       Havell, Anchor, L & T, Phinolex, Polycab         12       Fire Extinguisher       ISI Marked         13       Ruber Matting       IMarked         14       cable joint Kit       Raychem / M-Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Telemechanique / AE.         16       Timer       L & T / Siemens / Minilac / Telemechanique / AE.         17       MC		ACB	•
4       C.T.       400A)/ GE Power controls         4       C.T.       AE / IMP / Marshal / Pacifi / Kappa / L &T / Ashmor / Indcoil / Waco / Meco         5       Ammeter / Voltmeter       AE / IMP / Universal / Reshabh / Kaycee / Meco / Enercon.         6       Selector Switch       L&T / KEYCEE/ AE/ IMP / THAKOOR/ Reco/ Vaishno/ Salzor/ Rass Control         7       INDICATING LAMP       Vaishno / Siemens/ L&T / AE/ IMP/ Rass Control / Teknic / Schneider / Kaycee.         8       LED based avaiation lamp       WS. G.S. Enterprises/ W/S. Insta Power/ Shrigauri         9       CAPACITOR (APP Type)       Khatau Junkar/ Shneider / L & T / Universal Electric / Usha / Asian / AE/ IMP.         10       Cable ISI Mark       ISI Marked       ISI Marked         (a) upto 1.1 KV grade.       ISI Marked       ISI Marked         11       PVC insul. Cu cond wire       Haveli, Anchor, L &T, Phinolex, Polycab         12       Fire Extinguisher       ISI Marked       ISI Marked         13       Rubber Matting       ISI Marked       ISI Marked         14       Cable Joint Kti       Raychern / M- Seal / DENSONs       Eart / Siemens / Minilac / Zerotrip         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip       Earter         18       Change Over Switch       Standard / Havelis/ Control and Switch Gear	2	MCCB	0
Meco       Armeter / Voltmeter         Ammeter / Voltmeter       AE / IMP / Universal / Reshabh /Kaycee / Meco / Enercon.         Selector Switch       L&T / KEYCEE/ AE / IMP / THAKOOR/ Reco/ Vaishno/ Salzor/ Rass Control         INDICATING LAMP       Vaishno/ Siemens/ L&T / AE / IMP / THAKOOR/ Reco/ Vaishno/ Salzor/ Rass Control         Kaycee.       LED based avaiation lamp       WS. G.S. Enterprises/ M/S. Insta Power/ Shrigauri         CAPACITOR (APP Type)       Khatau Junkar/ Shneider / L & T / Universal Electric / Usha / Asian / AE / IMP.         Cable ISI Mark       ISI Marked         (a) upto 1.1 KV grade.       ISI Marked         (b) Above 1.1 KV grade.       ISI Marked         11 PVC insul. Cu cond wire       Havell, Anchor, L &T, Phinolex, Polycab         12 Fire Extinguisher       ISI Marked         13 Rubber Matting       ISI Marked         14 Cable joint Kit       Raychem /M - Seal / DENSONs         15 Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         16 Timer       L & T / Siemens / Minilac / Zerotrip         17 MCBs / Isolators & Distribution Board.       Benetex / Clariton/ Havells / Seimens / Standard' Shneider / Indokoop / MDS         18 Change Over Switch       Standard / Havells / Control and Switch Gear / H-H Elecon.         19 Piano Switch       ISI Marked         20 Mono Block pump set       Beaco	3	TPN Switches & HRC fuses	
6       Selector Switch       L&T / KEYCEE/ AE/ IMP/ THAKOOR/ Reco/ Vaishno/ Salzor/ Rass Control         7       INDICATING LAMP       Vaishno/ Siemens/ L&T / AE/ IMP/ Rass Control / Teknic / Schneider / Kaycee.         8       LED based avaiation lamp       WS. G.S. Enterprises/ M/S. Insta Power/ Shrigauri         9       CAPACITOR (APP Type)       Khatau Junkar/ Shneider / L & T / Universal Electric / Usha / Asian / AE/ IMP.         10       Cable ISI Mark       ISI Marked         (a) upto 1.1 KV grade.       ISI Marked         (b) Above 1.1 KV grade.       ISI Marked         12       Fire Extinguisher       ISI Marked         13       Rubber Matting       ISI Marked         14       Cable Joint Kit       Raychem / M- Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         16       Timer       L & T / Siemens / Minilac / Telemechanique / AE.         17       MCBs / Isolators & Distribution Board.       Benetex / Clariton/ Havells / Seimens / Standard/ Shneider / Indokoop / MDS         18       Change Over Switch       ISI Marked       ISI Marked         20       Mono Block pump set       Compton / MAS       Standard / Havells / Control and Switch Gear / H-H Elecon.         19       Piano Switch       ISI Marked       ISI Marked       ISI Marked	4	С.Т.	
6       Selector Switch       L&T / KEYCEE/ AE/ IMP/ THAKOOR/ Reco/ Vaishno/ Salzor/ Rass Control         7       INDICATING LAMP       Vaishno/ Siemens/ L&T / AE/ IMP/ Rass Control / Teknic / Schneider / Kaycee.         8       LED based avaiation lamp       M/S. G.S. Enterprises/ M/S. Insta Power/ Shrigauri         9       CAPACITOR (APP Type)       Khatau Junkar/ Shneider / L & T / Universal Electric / Usha / Asian / AE/ IMP.         10       Cable ISI Mark       ISI Marked         (a) upt 1.1 KV grade.       ISI Marked         (b) Above 1.1 KV grade.       ISI Marked         12       Fire Extinguisher       ISI Marked         13       Rubber Matting       ISI Marked         14       Cable joint Kit       Raychem / M- Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         16       Timer       L & T / Siemens / Minilac / Telemechanique / AE.         17       MCBs / Isolators & Distribution Board.       Benetex / Claritorn/ Havells / Seimens / Standard/ Shneider / Indokoop / MDS         18       Change Over Switch       Isi Marked       Sharked         20       Mono Block pump set       Beacon / Batiboi / Kintoskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21       Starter       L & T / Siemens / BCH / ABB /MEI / GE Power Control.	5	Ammeter / Voltmeter	AE / IMP / Universal/ Reshabh /Kaycee / Meco / Enercon.
/ Kaycee.         8       LED based avaiation lamp       M/S. G.S. Enterprises/ M/S. Insta Power/ Shrigauri         9       CAPACITOR (APP Type)       K/S. G.S. Enterprises/ M/S. Insta Power/ Shrigauri         9       CAPACITOR (APP Type)       Khatau Junkar/ Shneider / L & T / Universal Electric / Usha / Asian / AE/ IMP.         10       Cable ISI Mark       ISI Marked         (a) upto 1.1 KV grade.       ISI Marked         11       PVC insul. Cu cond wire       Havell, Anchor, L &T, Phinolex, Polycab         12       Fire Extinguisher       ISI Marked         13       Rubber Matting       ISI Marked         14       Cable joint Kt       Raychem / M- Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         14       Cable of MCBs / Isolators & Distribution Board.       Benetex / Clariton/ Havelis / Seimens / Standard' Shneider / Indokoop / MDS         18       Change Over Switch       Standard / Havelis / Control and Switch Gear / H-H Elecon.         19       Piano Switch       Isi Marked         20       Mono Block pump set       Beacon / Batliboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21       Starter       L & T / Siemens / BCH / ABB /MEI /GE Power Control.         22       G.I / M.S Pipe       BatT/TA /	6	Selector Switch	L&T / KEYCEE/ AE/ IMP/ THAKOOR/ Reco/ Vaishno/ Salzor/ Rass
9       CAPACITOR (APP Type)       Khatau Junkar/ Shneider / L & T / Universal Electric / Usha / Asian / AE/ IMP.         10       Cable ISI Mark       ISI Marked         (a) upto 1.1 KV grade.       ISI Marked         11       PVC insul. Cu cond wire       Havell, Anchor, L &T, Phinolex, Polycab         12       Fire Extinguisher       ISI Marked         13       Rubber Matting       ISI Marked         14       Cable joint Kit       Raychem / M-Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         16       Timer       L & T / Siemens / Minilac / Zerotrip         17       MCBs / Isolators & Distribution Board.       Benetex / Clariton/ Havells / Seimens / Standard / Shneider / Indokoop / MDS         18       Change Over Switch       ISI Marked       Standard / Havells/ Control and Switch Gear / H-H Elecon.         19       Piano Switch       ISI Marked       Beacon / Batliboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21       Starter       L & T / Siemens / SCH / ABB /MEI / GE Power Control.         22       G.I / M.S Pipe       BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA         23       Foot valve       ISI Marked         24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.     <	7	INDICATING LAMP	
AE/ IMP.         10 Cable ISI Mark         (a) upto 1.1 KV grade.         (b) Above 1.1 KV grade.         (b) Above 1.1 KV grade.         11 PVC insul. Cu cond wire         12 Fire Extinguisher         13 Rubber Matting         14 Cable joint Kit         15 Single phasing preventor         16 Change Over Switch         17 MCBs / Isolators & Distribution Board.         18 Change Over Switch         19 Piano Switch         20 Mono Block pump set         21 Starter         22 G.I / M.S Pipe         23 For valve         24 Gate Valve         25 M.S. Conduit         26 PVC conduit         27 Submersible pump         28 LCB         29 RCCB	8	LED based avaiation lamp	M/S. G.S. Enterprises/ M/S. Insta Power/ Shrigauri
(a) upt 1.1 KV grade.       ISI Marked         (b) Above 1.1 KV grade.       ISI Marked         11       PVC insul. Cu cond wire       Havell, Anchor, L &T, Phinolex, Polycab         12       Fire Extinguisher       ISI Marked         13       Rubber Matting       ISI Marked         14       Cable joint Kit       Raychem / M- Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         16       Timer       L & T / Siemens / Minilac / Zerotrip         17       MCBs / Isolators & Distribution Board.       Benetex / Clariton/ Havells / Seimens / Standard/ Shneider / Indokoop / MDS         18       Change Over Switch       Standard / Havells/ Control and Switch Gear / H-H Elecon.         19       Piano Switch       ISI Marked         20       Mono Block pump set       Beacon / Batilboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21       Starter       L & T / Siemens / BCH / ABB /MEI / GE Power Control.         23       Foot valve       ISI Marked         24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25       M.S. Conduit       Si Marked         26       PVC conduit       ISI Marked         27       Submersible pump       KSB / Calama	9	CAPACITOR (APP Type)	
(b) Above 1.1 KV grade.ISI Marked11PVC insul. Cu cond wireHavell, Anchor, L &T, Phinolex, Polycab12Fire ExtinguisherISI Marked13Rubber MattingISI Marked14Cable joint KitRaychem / M- Seal / DENSONs15Single phasing preventorL & T / Siemens / Minilac / Zerotrip16TimerL & T / Siemens / Minilac / Zerotrip16TimerL & T / Siemens / Minilac / Telemechanique / AE.17MCBs / Isolators & Distribution Board.Benetex / Clariton/ Havells / Seimens / Standard/ Shneider / Indokoop / MDS18Change Over SwitchStandard / Havells / Control and Switch Gear / H-H Elecon.19Piano SwitchISI Marked20Mono Block pump setBeacon / Batilboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.21StarterL & T / Siemens / BCH / ABB /MEI /GE Power Control.22G.I / M.S PipeBST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA23Foot valveISI Marked24Gate ValveSant / Leader / Tishul / Fountain / Annapurna.25M.S. ConduitISI Marked26PVC conduitISI Marked27Submersible pumpKSB / Calama / Amrut / Kirloskar / PEC / BE.28ELCBStandard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL: Techno.29RCCBIndo Asian	10		
11       PVC insul. Cu cond wire       Havell, Anchor, L &T, Phinolex, Polycab         12       Fire Extinguisher       ISI Marked         13       Rubber Matting       ISI Marked         14       Cable joint Kit       Raychem / M- Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         16       Timer       L & T / Siemens / Minilac / Zerotrip         17       MCBs / Isolators & Distribution Board.       Benetex / Clariton/ Havells / Seimens / Standard / Shneider / Indokoop / MDS         18       Change Over Switch       Ist Marked         20       Mono Block pump set       Standard / Havells/ Control and Switch Gear / H-H Elecon.         19       Piano Switch       ISI Marked         20       Mono Block pump set       Beacon / Batliboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21       Starter       L & T / Siemens / BCH / ABB /MEI /GE Power Control.         22       G.I / M.S Pipe       BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA         23       Foot valve       ISI Marked         24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25       M.S. Conduit       Siddharth, Nice         26       PVC conduit       ISI Marked <tr< td=""><td></td><td></td><td></td></tr<>			
12       Fire Extinguisher       ISI Marked         13       Rubber Matting       ISI Marked         14       Cable joint Kit       Raychem / M- Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         16       Timer       L & T / Siemens / Minilac / Telemechanique / AE.         17       MCBs / Isolators & Distribution Board.       Benetex / Clariton/ Havells / Seimens / Standard/ Shneider / Indokoop / MDS         18       Change Over Switch       Standard / Havells/ Control and Switch Gear / H-H Elecon.         19       Piano Switch       ISI Marked         20       Mono Block pump set       Benetex / Clariton/ Havells / Control and Switch Gear / H-H Elecon.         21       Starter       L & T / Siemens / BcH / ABB /MEI / GE Power Control.         22       G.I / M.S Pipe       BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA         23       Foot valve       ISI Marked         24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25       M.S. Conduit       ISI Marked         26       PVC conduit       ISI Marked         27       Submersible pump       KSB / Calama / Amrut / Kirloskar / PEC / BE.         28       ELCB       Standard / MDS/ Havells/ Datar / Siemens / GE Power Controls / HPL		.,	
13       Rubber Matting       ISI Marked         14       Cable joint Kit       Raychem / M- Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         16       Timer       L & T / Siemens / Minilac / Telemechanique / AE.         17       MCBs / Isolators & Distribution Board.       Benetex / Clariton/ Havells / Seimens / Standard / Shneider / Indokoop / MDS         18       Change Over Switch       Standard / Havells / Control and Switch Gear / H-H Elecon.         19       Piano Switch       ISI Marked         20       Mono Block pump set       Benetex / Det Seimens / Standard / Shneider / Indokoop / MDS         21       Starter       L & T / Siemens / Batibio / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21       Starter       L & T / Siemens / BCH / ABB /MEI / GE Power Control.         22       G.I / M.S Pipe       BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA         23       Foot valve       ISI Marked         24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25       M.S. Conduit       Siddharth, Nice         26       PVC conduit       ISI Marked         27       Submersible pump       KSB / Calama / Amrut / Kirloskar / PEC / BE.         28       ELCB <td></td> <td></td> <td></td>			
14       Cable joint Kit       Raychem / M- Seal / DENSONs         15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         16       Timer       L & T / Siemens / Minilac / Telemechanique / AE.         17       MCBs / Isolators & Distribution Board.       Benetex / Clariton / Havells / Seimens / Standard / Shneider / Indokoop / MDS         18       Change Over Switch       Standard / Havells / Control and Switch Gear / H-H Elecon.         19       Piano Switch       ISI Marked         20       Mono Block pump set       Beacon / Batliboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21       Starter       L & T / Siemens / BCH / ABB /MEI /GE Power Control.         22       G.I / M.S Pipe       BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA         23       Foot valve       ISI Marked         24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25       M.S. Conduit       Siddharth, Nice         26       PVC conduit       ISI Marked         27       Submersible pump       KSB / Calama / Amrut / Kirloskar / PEC / BE.         28       ELCB       Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL- Techno.         29       RCCB       Indo Asian		5	
15       Single phasing preventor       L & T / Siemens / Minilac / Zerotrip         16       Timer       L & T / Siemens / Minilac / Telemechanique / AE.         17       MCBs / Isolators & Distribution Board.       Benetex / Clariton/ Havells / Seimens / Standard/ Shneider / Indokoop / MDS         18       Change Over Switch       Standard / Havells/ Control and Switch Gear / H-H Elecon.         19       Piano Switch       ISI Marked         20       Mono Block pump set       Beacon / Batiliboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21       Starter       L & T / Siemens / BCH / ABB /MEI /GE Power Control.         22       G.I / M.S Pipe       BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA         23       Foot valve       ISI Marked         24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25       M.S. Conduit       ISI Marked         26       PVC conduit       ISI Marked         27       Submersible pump       KSB / Calama / Amrut / Kirloskar / PEC / BE.         28       ELCB       Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL- Techno.         29       RCCB       Indo Asian		5	
16 Timer       L & T / Siemens / Minilac / Telemechanique / AE.         17 MCBs / Isolators & Distribution Board.       Benetex / Clariton/ Havells / Seimens / Standard / Shneider / Indokoop / MDS         18 Change Over Switch       Standard / Havells / Control and Switch Gear / H-H Elecon.         19 Piano Switch       ISI Marked         20 Mono Block pump set       Beacon / Batliboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21 Starter       L & T / Siemens / BCH / ABB /MEI /GE Power Control.         22 G.I / M.S Pipe       BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA         23 Foot valve       ISI Marked         24 Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25 M.S. Conduit       Siddharth, Nice         26 PVC conduit       ISI Marked         27 Submersible pump       KSB / Calama / Amrut / Kirloskar / PEC / BE.         28 ELCB       Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL- Techno.         29 RCCB       Indo Asian			
<ul> <li>17 MCBs / Isolators &amp; Distribution Board.</li> <li>18 Change Over Switch</li> <li>19 Piano Switch</li> <li>20 Mono Block pump set</li> <li>21 Starter</li> <li>22 G.I / M.S Pipe</li> <li>23 Foot valve</li> <li>24 Gate Valve</li> <li>25 M.S. Conduit</li> <li>26 PVC conduit</li> <li>27 Submersible pump</li> <li>28 ELCB</li> <li>29 RCCB</li> </ul>			I
Indokoop / MDS18Change Over SwitchStandard / Havells/ Control and Switch Gear / H-H Elecon.19Piano SwitchISI Marked20Mono Block pump setBeacon / Batliboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.21StarterL & T / Siemens / BCH /ABB /MEI /GE Power Control.22G.I / M.S PipeBST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA23Foot valveISI Marked24Gate ValveSant / Leader / Tishul / Fountain / Annapurna.25M.S. ConduitSiddharth, Nice26PVC conduitISI Marked27Submersible pumpKSB / Calama / Amrut / Kirloskar / PEC / BE.28ELCBStandard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL- Techno.29RCCBIndo Asian	-		I I
19       Piano Switch       ISI Marked         20       Mono Block pump set       Beacon / Batliboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21       Starter       L & T / Siemens / BCH / ABB / MEI / GE Power Control.         22       G.I / M.S Pipe       BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA         23       Foot valve       ISI Marked         24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25       M.S. Conduit       Siddharth, Nice         26       PVC conduit       ISI Marked         27       Submersible pump       KSB / Calama / Amrut / Kirloskar / PEC / BE.         28       ELCB       Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL-Techno.         29       RCCB       Indo Asian	17	MCDS / ISOlators & Distribution Board.	
20       Mono Block pump set       Beacon / Batliboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.         21       Starter       L & T / Siemens / BCH / ABB / MEI / GE Power Control.         22       G.1 / M.S Pipe       BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA         23       Foot valve       ISI Marked         24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25       M.S. Conduit       Siddharth, Nice         26       PVC conduit       ISI Marked         27       Submersible pump       KSB / Calama / Amrut / Kirloskar / PEC / BE.         28       ELCB       Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL-Techno.         29       RCCB       Indo Asian	18	Change Over Switch	•
21       Starter       L & T / Siemens / BCH /ABB /MEI /GE Power Control.         22       G.I / M.S Pipe       BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA         23       Foot valve       ISI Marked         24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25       M.S. Conduit       Siddharth, Nice         26       PVC conduit       ISI Marked         27       Submersible pump       KSB / Calama / Amrut / Kirloskar / PEC / BE.         28       ELCB       Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL- Techno.         29       RCCB       Indo Asian	19	Piano Switch	ISI Marked
22G.I / M.S PipeBST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA23Foot valveISI Marked24Gate ValveSant / Leader / Tishul / Fountain / Annapurna.25M.S. ConduitSiddharth, Nice26PVC conduitISI Marked27Submersible pumpKSB / Calama / Amrut / Kirloskar / PEC / BE.28ELCBStandard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL: Techno.29RCCBIndo Asian	20	Mono Block pump set	
23     Foot valve     ISI Marked       24     Gate Valve     Sant / Leader / Tishul / Fountain / Annapurna.       25     M.S. Conduit     Siddharth, Nice       26     PVC conduit     ISI Marked       27     Submersible pump     KSB / Calama / Amrut / Kirloskar / PEC / BE.       28     ELCB     Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL: Techno.       29     RCCB     Indo Asian	21	Starter	L & T / Siemens / BCH /ABB /MEI /GE Power Control.
24       Gate Valve       Sant / Leader / Tishul / Fountain / Annapurna.         25       M.S. Conduit       Siddharth, Nice         26       PVC conduit       ISI Marked         27       Submersible pump       KSB / Calama / Amrut / Kirloskar / PEC / BE.         28       ELCB       Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL-         29       RCCB       Indo Asian	22	G.I / M.S Pipe	BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA
25     M.S. Conduit     Siddharth, Nice       26     PVC conduit     ISI Marked       27     Submersible pump     KSB / Calama / Amrut / Kirloskar / PEC / BE.       28     ELCB     Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL- Techno.       29     RCCB     Indo Asian	23	Foot valve	ISI Marked
26     PVC conduit     ISI Marked       27     Submersible pump     KSB / Calama / Amrut / Kirloskar / PEC / BE.       28     ELCB     Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL- Techno.       29     RCCB     Indo Asian	24	Gate Valve	Sant / Leader / Tishul / Fountain / Annapurna.
27       Submersible pump       KSB / Calama / Amrut / Kirloskar / PEC / BE.         28       ELCB       Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL-         29       RCCB       Indo Asian	25	M.S. Conduit	Siddharth, Nice
28       ELCB       Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL-         29       RCCB       Indo Asian	26	PVC conduit	ISI Marked
29 RCCB     Techno.	27	Submersible pump	KSB / Calama / Amrut / Kirloskar / PEC / BE.
			Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL-Techno.
30 Contractors Siemens / L & T / GE Power controls / Shneider / MEI / Laxmi.	29	RCCB	Indo Asian
	30	Contractors	Siemens / L & T / GE Power controls / Shneider / MEI / Laxmi.

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, Sambalpur

#### **PROFORMA OF SCHEDULES**

(Operative Schedules to be supplied separately to each intending tenderer)

# SCHEDULE 'A'

Schedule of quantities :Enclosed.

# SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

SI. No		-	Rates in figures and words at which the material will be charged to the	Place of Issue	
1	2	3	4	5	
	NIL				

### SCHEDULE 'C'

Tools and plants to be hired to the contractor

SI.	Description of item	Hire charges per day	Place of Issue		
No					
1	2	3	4		
	NIL				

#### SCHEDULE 'D'

Extra schedule for specific requirement/documents for the work if any.

A. General conditions & specifications :Enclosed

- B. List of approved makes :Enclosed
- C. Correction slips :Enclosed

#### SCHEDULE 'F'

Reference to General Conditions of contract.

Name of work:

Replacement of 125A C/o Switch at TE Deogarh and allied repairing works at Telephone Bhawan, Sambalpur.

Estimated cost of work:	39174.00
Earnest money:	783
Security Deposit:	5 % of the tendered value of the work.
Performance guarantee	5% of the tendered value of the work. The same to be submitted to EE(E) within 15 days after receipt of award letter

# **GENERAL RULES and DIRECTIONS:**

Officer inviting tender:	Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, Sambalpur
Maximum percentage for quantity of items of work to be execu to be determined in accordance with clauses 12.2 and 12.3.	ted beyond which rates are 25%
Definitions:	
2(v) Engineer-in-Charge	Sub-Divisional Engineer(E), BSNL Electrical
2(viii) Accepting Authority	Sub-Division-I. Sambalbur Sub-Divisional Engineer(E), BSNL Electrical Sub-Division-I, Sambalpur
2(x) Percentage on cost of materials and labour to cover all overheads and profits.	10%
2(xi) Standard Schedule of Rates 2(xii) Department	SR-INTERNAL-2007 & SR-EXTERNAL-2007 BSNL
9(ii) Standard CPWD contract Form	CPWD Form 8 as modified & corrected unto
Clause 2	
Authority for fixing compensation under Clause 2. Clause 5	Superintending Engineer (E), BSNL
Time allowed for execution of work. Authority to give fair and reasonable extension of time for completion of work.	07 Days

# 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. As Applicable.

#### Clause 11

Specifications to be followed for execution of work

ternal specification up to date

<b>12.1.2</b> (iii) Schedule of rates for determining rates for additional, altered or, substituted items that cannot be determined under 12.1.2 (i)and(ii)	SR-INTERNAL-2007 & SR-EXTERNAL- 2007
<b>12.1.2</b> (iii) $\pm$ the % over the rate entered in the schedule of rates.	NA
<b>12.1.2</b> (vi) A. Deviation Limit beyond which sub-clauses (i) to (v) shall not apply and clauses 12.2 and 12.3 shall apply	25%
<b>12.1.2 (</b> vi) B(a). Limit for value of any item of any individual trade beyond which sub-clauses (i) to (v) shall not apply and clauses 12.2 and 12,3 shall apply.	ΝΑ
Clause 16 Competent Authority for deciding reduced rates.	Superintending Engineer (E), BSNL
<b>Clause 36</b> (i) Minimum Qualifications and experience required for Principal Technical Representative.	
a) For works with estimated cost put to tender more than i) Rs. 10 lakhs for Civil work ii) Rs. 5 Lakhs for Elect/ Mech.Works	Graduate or retired AE possessing at least recognised diploma
b) For works with estimated cost put to tender more than	
i) Rs. 5 lakhs but less than Rs. 10 lakhs for Civil works ii) Rs. 1 lakh but less than Rs.5 Lakhs for Elect/ Mech. Works	Recognised diploma holder
<li>c) Discipline to which the Principal Technical Representative s belong.</li>	should :Electrical/ Mechanical
d) Minimum experience of works	: Three (3) years.
e) Recovery to be effected from the contractor in the event of fulfilling provision of clause 36(1)	f not Rs.4,000/- p.m. for Graduate Rs 2,000/- p.m for Diploma