



## Bharat Sanchar Nigam Ltd.

*Connecting India*

(A Government Of India Enterprise)

O/o The Sub-Divisional Engineer (Electrical)

BSNL Electrical Sub-Division, Bolangir

Ph- 06652-233699,

### NET NOTIFICATION

The Sub-Divisional Engineer (Elect.), BSNL Electrical Sub-Division, Bolangir 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: -

Sl. No.	Name of work	Estimated cost.(Rs.)(Ex. GST)	E.M.D. (Rs).	Time allowed	NIT No.
1	Repairing of 2HP submersible pump set at TE Patnagarh and Fault attending & replacement of 125A TPN Switch at TE Sonepur Under Bolangir SSA.	28150.00	563	7 Days	62/BSNL-ED/SBP/ 19-20

Tender paper cost(Non refundable) Rs	177.00	
Last Date of receipt of application:-	23-Nov-19	(upto 4.00PM)
Last Date of tender paper sale:-	23-Nov-19	(upto 5.30PM)
Last Date of tender paper receipt:-	25-Nov-19	(upto 3.00PM)
Date of opening:-	25-Nov-19	(at 3.30 PM).

#### Eligibility Criteria :-

- 1 **Agency who have done similar works in BSNL.**
- 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 Note :- I) The company or firm or any other person is not permitted to tender for work in BSNL unit in
- 4 If the date of opening is declared as holiday, then the tender shall be opened on next working day.
- 5 The tender documents shall not be sent through courier /post. The tender documents received through

**Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir**

**No:- NIT/TESD/BGR/19-20/77**

**Dt. 15.11.2019**

Copy to-

- 1) The S.E.(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-I/II/Rourkela/Koraput/Dhenkanal/Balasore.
- 16) The Vigilance Officer, O/O the CGMT, Orissa Circle, Bhubaneswar.
- 17) The Accounts Officer, BSNL Electrical Division, Sambalpur.
- 18) The Notice Board
- 19) website. (www.orissa.bsnl.co.in)

**Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir**

**NOTICE INVITING TENDER**

**CPWD-6**

**BHARAT SANCHAR NIGAM LIMITED**

( A Govt. of India Enterprise )

Item rate tenders are invited on behalf of the BSNL from eligible contractors for the work of :-

**Repairing of 2HP submersible pump set at TE Patnagarh and Fault attending & replacement of 125A TPN Switch at TE Sonepur Under Bolangir SSA.**

**The work is estimated to cost Rs.**

28150

This estimate however is given merely as a rough guide.

- 1 Tender will be issued to Agency who have done similar works in BSNL.  
completed work of magnitude as specified in press notification at page No. 4.

- 2 Agreement shall be drawn with the successful tenderer on prescribed form no. 8 which is available as a Govt. of India publication, tender shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

- 3 The time allowed for carrying out the work will be 7 Days

- 4 The availability of individual site will be specified in the award letter.

- 5 Receipt of applications for issue of forms will be stopped by 16.00 Hrs. two days before the date fixed for opening of tenders. Issue of tender forms will be stopped two 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, BOLANGIR 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 cash.

- 6 The tender must produce an Chartered 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.

- 7 Tenders, which should always be in sealed envelope, with the name of work and due date written on the envelope, will be received by the Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir up to 03.00 PM on 25-Nov-19 and will be opened by him or his authorized representative in his office on the same day at 03.30 PM.

- 8). The tender shall be accompanied by earnest money (unless exempted) of Rs. 563 in the form of DD of a scheduled Bank issued in favour of ACCOUNTS OFFICER(CASH), O/O The GM(TD), SAMBALPUR, the amount being credited to Nationalized Bank / State Bank.

- 9) The description of the work is as follows :-

**Name of the work :-**

**Repairing of 2HP submersible pump set at TE Patnagarh and Fault attending & replacement of 125A TPN Switch at TE Sonepur Under Bolangir SSA.**

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 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 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.

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 tenderer 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 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 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 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 the 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, Bolangir

**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 noticed. 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:**

I \_\_\_\_\_ S/O \_\_\_\_\_ R/O \_\_\_\_\_

- 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 Tenderer ) hereby declare that I am fully aware of

I ..... ( full name of contractor ) further declare that while submitting the 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 :-

**Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir**

## GENERAL SPECIFICATIONS.

- 1) The work shall be carried out as per current department / CPWD specifications.
- 2) Layout of the work shall be given at site of work by the Engineering-in Charge or his duly authorized representative.
- 3) Samples of the all articles shall be got approved from the Engineer - in - Charge 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 - Charge or his duly authorized representative.  
The contract shall stand for guarantee against defective materials of manufacturing defects and workmanship for the
- 8) 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.
- 9) 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 - Charge.

**Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir**

## "ESSENTIAL CONDITIONS OF CONTRACT "

The firm shall read care fully 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.

- TAXES AND DUTIES :** BSNL shall deduct income tax and other statutory deductions / cess from payments due to the firm as per rules of he 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 no negotiation 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.**

## **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 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, Bolangir**

### SPECIFICATION

#### E.I & FANS :

- 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.  
  
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. - '07 + 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.  
  
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.**

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir

**SCHEDULE OF WORK**

Name of work:		Repairing of 2HP submersible pump set at TE Patnagarh and Fault attending & replacement of 125A TPN Switch at TE Sonepur Under Bolangir SSA.			
Sl. No.	Description of items	Unit	Rate	Qty	Amount
1	Dismantalling the pump & motor set part by part to detect the fault ,cleaning of mineral deposition & reassembling with repaired/replaced parts complete as reqd.	job		1	
2	Rewinding of 2 HP 3ph. submersible motor with superior quality pvc coated copper wire of suitable gauge after cutting & removing the burnt out coil etc complete as reqd.	job		1	
3	Replacement of G.M Bush for motor as reqd.	No		4	
4	Machining & tuning the rotor in lathe of match with new bush comp. as reqd.	job		1	
5	Transporation of pump motor set from site to workshop & back to site after repair comp. as reqd.	job		1	
6	Repairing of starter by replacement of OLR as reqd.	job		1	
7	Repairing of 63A 4pole onlode change over switch panel mounting comp. as reqd.starter by replacement of OLR as reqd.	job		1	
8	Attending fault & assessing the f materials required for maintenance work i/c minor repairing such as replacement comp as required.	job		1	
9	Replacement of 125A TPN switch disconector fuse along with fuses(panel mounting) i/c connection comp.as reqd.G.M Bush for motor as reqd	job		1	

Total

Less credit for dismantled unserviceable materials (-) 300.00

**Grand Total**

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir

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

Item	Name of Manufacturer
<b>SI. No.</b>	
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
7	INDICATING LAMP Vaishno/ Siemens/ L&T / AE/ IMP/ Rass Control / Teknik / 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 (a) upto 1.1 KV grade. (b) Above 1.1 KV grade.
11	ISI Marked ISI Marked
12	PVC insul. Cu cond wire Havell, Anchor, L &T, Phinolex, Polycab
13	Fire Extinguisher ISI Marked
14	Rubber Matting ISI Marked
15	Cable joint Kit Raychem / M- Seal / DENSONs
16	Single phasing preventor L & T / Siemens / Minilac / Zerotrip
17	Timer L & T / Siemens / Minilac / Telemecanique / AE.
18	MCBs / Isolators & Distribution Board. Benetex / Clariton/ Havells / Seimens / Standard/ Shneider / Indokoop / MDS
19	Change Over Switch Standard / Havells/ Control and Switch Gear / H-H Elecon.
20	Piano Switch ISI Marked
21	Mono Block pump set Beacon / Batliboi / Kirloskar / Jyoti / Mather & Platt / KSB / Crompton / WASP / BE / PEC.
22	Starter L & T / Siemens / BCH /ABB /MEI /GE Power Control.
23	G.I / M.S Pipe BST/TATA / ATC/IIA/JUST/ITS/ JINDAL/ ZENITH/ GSI/ TTA
24	Foot valve ISI Marked
25	Gate Valve Sant / Leader / Tishul / Fountain / Annapurna.
26	M.S. Conduit Siddharth, Nice
27	PVC conduit ISI Marked
28	Submersible pump KSB / Calama / Amrut / Kirloskar / PEC / BE.
29	ELCB Standard / MDS/ Havells/ Datar /Siemens / GE Power Controls / HPL- Techno.
30	RCCB Indo Asian
	Contractors Siemens / L & T / GE Power controls / Shneider / MEI / Laxmi.

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir

**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.

	Description of item	Quantity	Rates in figures and	Place of Issue
Sl. No.	2	3	4	5
1				
NIL				

**SCHEDULE 'C'**

Tools and plants to be hired to the contractor

	Description of item	Hire charges per day	Place of Issue
Sl. No.	2	3	4
1			
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:

Repairing of 2HP submersible pump set at TE Patnagarh and Fault attending & replacement of 125A TPN Switch at TE Sonepur Under Bolangir SSA.

Estimated cost of work:

28150.00

Earnest money:

563

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

**GENERAL RULES and DIRECTIONS:**

Officer inviting tender:

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir

Maximum percentage for quantity of items of work to be executed beyond which

**Definitions:**

2(v) Engineer-in-Charge

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir

2(viii) Accepting Authority

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir

2(x) Percentage on cost of materials and labour to cover all overheads and profits.

10%

2(xi) Standard Schedule of Rates

SR-INTERNAL-2007 & SR-EXTERNAL-2007

2(xii) Department

BSNL

9(ii) Standard CPWD contract Form

CPWD Form 8 as modified & corrected upto date

**Clause 2**

Authority for fixing compensation under Clause 2.

Superintending Engineer (E), BSNL Electrical Circle, Bhubaneswar.

**Clause 5**

Time allowed for execution of work. Authority to give fair and reasonable extension of time for completion of work.

7 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

CPWD internal and external specification up to date

**Clause 12**



<b>12.1.2 (iii)</b> 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 (iii)</b> ± the % over the rate entered in the schedule of rates.	NA
<b>12.1.2 (vi) A.</b> 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 (vi) B(a).</b> 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.	NA
<b>Clause 16</b>	
Competent Authority for deciding reduced rates.	Superintending Engineer (E), BSNL Electrical Circle, Bhubaneswar.
<b>Clause 36 (i)</b>	
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	Graduate or retired AE possessing at least recognised diploma
ii) Rs. 5 Lakhs for Elect/ Mech.Works	
b) For works with estimated cost put to tender more than	
i) Rs. 5 lakhs but less than Rs. 10 lakhs for Civil works	Recognised diploma holder
ii) Rs. 1 lakh but less than Rs.5 Lakhs for Elect/ Mech. Works	
c) Discipline to which the Principal Technical Representative should	Electrical / Mechanical
d) Minimum experience of works	Three (3) years
e) Recovery to be effected from the contractor in the event of not	Rs. 4,000/- p.m. for Graduate

Sub-Divisional Engineer(E), BSNL Electrical Sub-Division, Bolangir