E-TENDER DOCUMENT FOR LAYING U/G CABLE & ASSOCIATED WORK IN BARIPADA SSA

No. W-40(A)/2018-19/02

Dated 23.05.2018 at Baripada



(A GOVT. OF INDIA ENTERPRISE) OFFICE OF THE TELECOM DISTRICT MANAGER , BARIPADA-757001

Cost of E-Tender Document: Rs.590.00

(This includes Tender document Cost 500/- and GST @ 18% i.e., 90/-)

Read, understood, complied & agreed

Signature & seal of bidder with Date

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SECTION-I

BHARAT SANCHAR NIGAM LIMITED (A Government of India Enterprise) OFFICE OF THE TELECOM DISTRICT MANAGER , BARIPADA-757001 <u>NOTICE INVITING TENDER</u>

BSNL, F-tender is invited by TDM, bidding 1 Baripada on single stage system from Individuals/Companies/Firms registered in India fulfilling the eligibility conditions, as per tender document, for laying U/G cable & associated works in Baripada SSA.

SI No	Item	Particular
1	Tender Notice No & date	W-40(A)/2018-19/02 dtd 23.05.2018
2	Tender item	For laying U/G cable & associated works in Baripada SSA
3	Tender Document can be downloaded from date	<mark>28.05.2018</mark>
4	Date of receipt of queries from bidders	Up to 17.00 Hrs of 05 <mark>.06.2018</mark>
5	Reply of queries by BSNL	Before 17.00 Hrs of 07.06.2018
6	Last Date & time of Submission of tender	up to 13.00 Hrs of 18.06.2018
7	Date & Time of Opening of Tender (Technical Bid only)	At 11:00 Hrs on dtd.19.06.2018
8	Amount of Bid Security (EMD) as referred in Section II.	The cost of EMD and cost of Tender paper to be paid through online Banking/RTGS/NEFT as per the Section-I, Para 2(b).
9	Cost of Tender Form	The cost of Tender Form and cost of Tender paper to be paid through online Banking/RTGS/NEFT as per the Section-I, Para 2(a).
10	Zone wise estimated cost and EMD	Details available in Section-II
11	Period of contract	O <mark>ne year f</mark> rom the date of agreement & extendable as per provision in the document.

- Note: -1. In case the last date of submission /opening of bid is declared to be a holiday, last date of submission / opening of bid will get shifted automatically to next working day at the same scheduled time. Any change in bid submission/ opening date due to any other unavoidable reasons will be notified through the BSNL web site and/or e-Tender Portal and/or newspapers.
- 2(a) The Tender document can be downloaded from the website: www.tenderwizard.com/BSNL & www.orissa.bsnl.co.in/Baripada and to be submitted in e-format. Cost of Tender Document and Earnest Money Deposit (EMD) shall have to be submitted through online Banking/RTGS/NEFT as per the following details

Name of the Bank, Branch & address	UNION BANK OF INIDA, Baripada Branch
Accounts Name	A.O (Cash), BSNL,O/o TDM Baripada
Account Number	541701010050088
IFS Code	UBIN0554171
Address of the Bank	UNION BANK OF INIDA, LAL BAZAR, BARIPADA
MICR Code	757026002
Mail Id :	tdmbid14@rediffmail.com
Contact No	9437582230

The scanned copies E-Payment receipt towards EMD/BID security, Cost of bid document has to be uploaded in the e-Tender Portal of tender wizard.

2(b) Amendments, if any, to the tender document will be notified in the above website as and when such amendments are made. It is the sole responsibility of the bidders who have downloaded the tender document from the website to keep themselves abreast of such amendments before submitting the tender document.

3(a) Intending bidders are requested to register themselves with M/s. ITI Limited through the website <u>www.tenderwizard.com/BSNL</u> for obtaining user-id, Digital Signature etc., by paying Vendor registration fee and processing fee for participating in the above mentioned tender.

- 3(b) BSNL has decided to use the process of e-tendering for inviting this tender and thus the physical copy of the tender would not be sold.
- 3(c) Bidders may note that the tender document can be downloaded from the website <u>www.tenderwizard.com/BSNL</u> or following the "Tenders" link of the website <u>www.orissa.bsnl.co.in/</u>Baripada. Bidders have to make E-payment as per instruction 2(a) above, towards the cost of tender document, failing which their tender will be liable for rejection.
- 3(d) The bidders shall furnish a declaration that no addition / deletion / corrections have been made in the downloaded tender document being submitted and it is identical to the tender document appearing on Web-site (<u>www.tenderwizard.com/BSNL</u>) as per Annexure-B. of Section-X.
- 3(e) In case of any correction/ addition/ alteration/omission is found in the submitted tender document; the tender bid shall be treated as non-responsive and shall be rejected.
- 4(a) Experience certificate:-

The bidder should have experience certificate of satisfactory working in laying of U/G cable amounting to Rs.5 (Five) Lakhs or more during the period of last three financial years (i.e. 2015-16, 2016-17 & 2017-18 taking together) in BSNL/MTNL/Central Govt/PSU, issued by an officer not below the rank of Dy.General Manager. Experience certificate issued by any TDE duly countersigned by an officer not below the rank of DGM will also be considered.

4(b) The documents as listed out in section -IX should be uploaded in the E-Tender Portal.

5. Eligibility criteria: - The bidder should have the following eligibility

a) Firm registration certificate of the firm in case of firm, or registered partnership deed in case of partnership firm, or Memorandum of Association in case of registered company and contractor license issued from PWD/Irrigation authority incase of proprietorship.

b) GST Registration Certificate (GSTIN) with latest return

c) Experience certificate as per clause 4(a),

d) EPF registration number with latest deposit challan,

e) ESIC registration number with latest deposit challan,

f) Valid Labour license issued from Central Labour office or an undertaking to submit the same within two months from signing the agreement.

g) PAN Card with latest IT return,

h)Solven<mark>cy certificate of minimum Rs 2,00,000.00 (Rupees Two Lakhs) for each Zone, from any Nationalized</mark> Bank, issued after publication of NIT. No correction of date of issue will be allowed.

i) Valid Contractor's License issued from PWD/Irrigation authority.

j) Certificate for non participation of near relative of BSNL employees as per the format prescribed in Section-X Annexure-D.

k)Original Power of attorney in case a person other than the tenderer has signed the tender documents.

I) EMD as per tender condition.

N.B:- However the bidder must have uploaded the required documents as mentioned in Section-IX

- 6 BSNL has adopted e-tendering process which offers a unique facility for 'Public Online Tender Opening Event (TOE)'. BSNL's Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. However, if required, bidders or their authorized representatives can attend the Tender Opening Event in the chamber of AGM(Admin) Doorsanchar Bhawan, , Baripada-757001 where BSNL's Tender Opening Officers would be conducting Online Tender Opening Event (TOE).
- 7 Incomplete, ambiguous, Conditional tender bids are liable to be rejected.
- 8 Telecom District Manager Baripada reserves the right to accept or reject any or all tender bids without assigning any reason and is not bound to accept the lowest tender. TDM Baripada reserves to right the cancel the tender at any stage without assigning any reason. The BSNL reserves right to disqualify such bidders who have a record of not meeting contractual obligation against earlier contract entered into with the TDM,BSNL, Baripada or any other SSA.
- 9 All documents submitted in the bid offer should be preferably in English. In case the certificate viz., experience, registration etc., is issued in any language other than English, the bidder shall attach an English translation of the same duly attested by the bidder & the translator in addition to the relevant certificate. All computer generated documents should be duly attested/signed by the issuing organization.
- 10 All statutory taxes as applicable shall be deducted at source before payment.

AGM (Admin & Plg) On behalf of TDM, BSNL Baripada

SECTION-II

ZONE WISE ESTIMATED COST & BID SECURITY (EMD)

SI No	Details of Area	Zone	Approximate Estimated Cost (In Rs)	Cost of the Bid Document (With GST %18) (in Rs)	EMD (@2%) (in Rs)	Material Security (@5%)(in Rs)
01	SDEP Baripada / SDE G/E Baripada	I	40,00,000/-	590/-	80,000/-	2,00,000/-
02	SDE G/E Betnoti / SDE NWO Udala	Π	25,00,000/-	590/-	50,000/-	1,25,000/-
03	SDE(NWO)Rairangpur / SDE NWO Karanjia	III	30,00,000/-	590/-	60,000/-	1,50,000/-

<u>Note:-1</u> The amount stated above are approximately estimated and BSNL reserves the right to vary the amount upto ± 25 % without any change in approved price & other terms & conditions.

Note:-2

If any Zone left unresponded in bidding process, then the same zone will be allotted to the L-1 bidder on completion of the tender process.

Read, understood, complied & agreed

Signature & seal of bidder with Date

SECTION-III

JURISDICTION OF CONTRACT:

The jurisdiction of the contract shall be for Zone-wise. The Telephone Exchanges areas in different zones shall be as under. If any additional telephone exchange is planned, the same shall be included in the zone in the vicinity of concerned exchange keeping in view the logistics of carrying out the work.

SI. No	Name of the Sub- Division(s)	Zone No.	Name of the Exchange
01	SDEP Baripada / SDE G/E Baripada	-	Baripada MBM,Murgabadi RSU,PNagar RSU,Takatpur,Bangiriposi,jamsola,saraskana,Pathuri,Jharpokharia,,Badsahi,Sankeroka,Kuchei,Kos tha,Suliapada,Deuli,Chandua,Laxmiposi,Pratappur,
02	SDE G/E Betnoti / SDE NWO Udala		Betnoti,Baisinga,Anla,Manida,Rasagobindapur,Chitrada,Manatri,Nadpur, Udala,Khunta,Kaptipada,Dukura,Nudadiha,Puruna baripada,Sarat
03	SDE NWO Rairangpur / SDE NWO Karanjia		Rairangpur,Bahalda,Bijatala,Bisoi,Badampahad,Jamda,Gorumahisani,Jharadihi,Tiring Karanjia,Sukruli,Tato,Thakurmunda,Joshipur,Bhanjakia,

Note 1 :- The above zone area is provisional. It may include/exclude any other new exchange area as and when required in future due to administrative reason.

SECTION-IV

SCOPE & SPECIFICATIONS FOR CONSTRUCTION OF UG CABLE WORK

A.SCOPE OF WORK

1) MAIN CABLE CONSTRUCTION ACTIVITEIS:- The items of work involved in U/G cable construction are as under.

- i) Excavation of trench according to the construction specification.
- ii) Laying and pulling of cable in trenches.
- iii) Placing of bricks as per specification.

iv) Back filling and compacting of the excavated trenches according to construction specifications and removal of excess earth from the site.

- iv) Construction of pillar foundations erection, painting and sign writing of pillars.
- v) Erection of external and internal DPs.
- vi) Termination of cables in MDFs, Cabinets/Pillars and DPs.
- vii) Jointing and end-to-end testing of cable.

2) Allied Activities.

Transportation of materials: - The materials required for executing the work entrusted to contractor against a work order shall be made available at district Store Depot at Baripada. In some cases the materials may be available at Sub-Division store depot. The contractor shall be responsible for transporting the materials to execute the work under the contract, to site at his own cost. All stores supplied to the contractor by BSNL remain as the absolute property of BSNL and shall not be removed from site of work, except for use in work and shall be at all times open to inspection by the representative of TDM BSNL Baripada. Any such stores remaining unused at the time of the abandonment, completion or termination of the contract shall be returned to the BSNL, failing which the cost of unused stores shall be deducted from the contractor's material security or any of his pending bills.

Contractors shall be responsible for transportation of stores, storage and safe custody of all stores supplied to him by BSNL, which in the contractor's custody whether, or not installed in the work. The contractor shall submit a proper account every month of all the stores supplied to him by BSNL and those consumed for items of works. Any discrepancy or difference between the stores issued to the contractor and those consumed in the work as per BSNL's calculation (which shall be final) will be charged to the contractor or deducted from his bills at 1.5 times of prevailing standard price including freight, handling charges etc. The contractor shall ensure that only the required stores are issued to him.

Disposal of Empty cable Drums:- The contractor shall be responsible to dispose off the empty cable drums after laying of the cables. The cost of various sizes of empty cable drums recoverable from the contractor has been fixed taking into account the prevailing market rates as mentioned in this document.

Supply of materials:- There are some materials required to be supplied by the contractor for execution of works under this contract like Bricks, Cement etc., besides using other consumable. The contractor shall ensure that the materials supplied are of best quality and workmanship and shall be strictly in accordance with the specifications.

3) VALUE OF WORK:-

A. The estimated cost of work as mentioned in the Section-II has been worked out on the basis of approved rates of the previous tender. The amount stated above are approximately estimated and BSNL reserves the right to vary the amount upto +/- 25 % without any change in approved price & other terms & conditions.

B. SPECIFICATION OF WORK

This tender is for digging trenches and laying underground Telephone Cables in Baripada Telecom District under the jurisdiction of TDM,BSNL, Baripada. The work broadly consists of the following components.

I) Excavation of cable trench & laying of U/G cable of different sizes.

a. Cables will be laid along the roads and streets. The route of the cable will be shown to the contractor before commencement of the work.

b. The work involves excavation of cable trench measuring 30 cm, (width) \times 100 cm (depth). It also involves clearing of bushes, cutting roots of the trees that may lie along the route of the cable trench and removing stone and boulder that may be dug up during the process of trenching. However in specific cases laying of 5 pair cable is made for poleless external plant where the depth of the trench will be restricted to 60 cm. If in exceptional cases, normal depth of 100 cm is not achieved, the site engineer is to be consulted and if required, a thick layer of concreting of 150 mm (height) X 150 mm (width) dimension at the proportion of 1:2:4 shall be

provided. The size of the cable trenches may have to be increased in some cases and in those cases, prorata rate will be allowed. However specific instructions on the size of the trench will be given in the work order with the details of locations and size of trench and concreting over the cable wherever necessary. Prior permission from the competent authority should be obtained before issuing the work order in case of lesser depth/concreting.

c. After the trench is dug up, its bottom is to be lined with soft soil of about 10 cm thickness.

d. Cable has to be laid on the bottom of the trench on the layer of soft soil. In some cases, more than one cable may have to be laid in the same trench. In order to avoid any damage to the cable, it is required to lay the cable carefully in the trench. In some cases, old cable may be existing while digging the trench for laying new cable.

e. After laying the cable, soft-soil of 10 cm thickness is to be provided again in the trench.

f. Then warning bricks are to be laid over the cable laid in the trench (for cables of 100 Pairs and above). The

bricks should be of first class kiln burnt type. About 4 (four) bricks are to be laid on every meter of cable lengthwise in normal cases.

g. Bricks should be of good quality and are to be supplied by the contractor.

h. In the trench where a number of higher size cables are laid, bricks may have to be laid width-wise (normally <u>8</u> bricks per meter) and in such cases, the work order should specifically mention the same. In that case the per meter chargeable rate for trenching etc will be the rate without bricks plus twice the difference between rates with bricks and without bricks.

i. After laying the warning bricks, the trench is to be back filled. Excavated soil shall be used for back filling the trench. It has to be well rammed thereafter levelling.

j. Where more than one cable is laid in the same trench, the jointing locations shall be suitably staggered.

k. A minimum of 1 meter of cable from both cable ends should be left for jointing two successive lengths of cable. When a cable is to be terminated in a pillar, the length of cable for such termination shall be equal to (jointing length + height of pillar).

I. While pulling the cables through G.I. pipes/RCC pipes at Road crossings/bridges/culverts etc. proper care should be taken to avoid damage to the cable which may occur due to kinks (bends). m. Route and joint indicators and cable markers wherever required, should be planted.

II. Erection of pillars

i) The pillars should be installed in safe places on footpath at suitable locations convenient and accessible for maintenance. The positions close to the edge of footpath, near transformers or below electric lines (particularly H.T. lines) must be avoided.

ii) The plinth for erection of pillars shall be made of RCC. The dimensions of the pits for casting the foundation of the pillar, plinth shall be of the size. (110 cms depth x 140 cms width x 170 cms length). The RCC should be of the ratio 1:2:4.

iii) The pillar should be properly earthed.

iv) The pillar should be erected on the plinth by fixing it firmly with 10mm bolts (or as supplied with the pillar) embedded in RCC framework.

v) The pillar should be painted first with a primer coating of Red Oxide and then with a coating of Grey paint of reputed brand on all surfaces. Sign writing should be done with white enamel paint in capital letter. The sign writing should contain the following.

- Logo of the department
- Name of the Telecom District
- Code of the Exchange system followed by the pillar Name, Number and capacity.

(III) Termination of cables in MDF and Pillar - The work includes,

- a. Fixing of Tag Blocks on CT Boxes on pillars.
- b. Drawing cable into the pillar and removing the cable sheath for required length.
- c. Providing earth continuity with the Armour of cable.
- d. Termination of cable pairs in Tag block/CT boxes.

e. Sign writing with white enamel paint on inner panel of the pillar shall be done indicating the termination details. On MDF, the written labels should be put in place provided for indicating termination details.

(IV) Jointing of cables:-The work involves

- Digging the pit for the joint
- Preparation of cable ends for jointing.

♦ Jointing of cable conductors by twisting/by use of UY connector/by machine jointing using Modular connector.

- Closing the joint & providing protection to the joint.
- Back filling & compacting.

Providing joint indicators for further reference.

The work should be done as per the direction of the engineer- in-charge of the work. Each joint made by the contractor will contain his signature slip with date as well as of concerned SDE so as to keep watch on all such joints. The contractor himself has to manage tools and staff required for jointing works including such materials as tools, kerosene oil, blow lamp, rags etc. However, BSNL will supply only jointing materials like TSF/RTSF/TWF joint kits/DWC and DP/GI pipes/Cabinets/Pillar if works allotted for erection of DP/Cabinet/Pillar etc. The contractor shall get all the pairs verified after making the joints and obtain a certificate from SDO regarding joint of all cable pairs and connecting of joints. Closing of joints will be done by the contractor under the supervision of BSNL staff or officer authorised in the work order for supervision. The warranty period of joints is six months from the date of jointing, if the joint fails for any reason without any external agency, four times of the cost of jointing including cost of joint kits, connectors etc will be recovered from the contractor.

(V) Erection of DPs:-The work involves

(a) For external DP by erection of post.

- i. Erection and fitting of post for DP
- ii. Fitting of 40 mm GI pipes on the DP post.
- iii. Fitting of brackets on the DP post.
- iv. Fitting of DP on the post.
- v. Termination of cable in the DP box by insertion tools
- (b) For external DP on existing post.
- i. Fitting of 40 mm GI pipes on the DP post.
- ii. Fitting of brackets on the DP post.
- iii. Fitting of DP on the post.
- iv. Termination of cable in the DP box by insertion tools

c) For Internal DP

- 1. Fitting of GI/PVC pipes on the wall of the nearest building.
- 2. The GI/PVC pipes should be properly clamped with the wall at three places and the DP

box should be fitted around $4\mathrm{m}$ above from the ground level.

- 3. Termination of cable in the DP box.
- [NB-: All the materials (except fitting materials) will be supplied by BSNL]
- (VI) Cable Route & joint indicators.

a) The route & joint indicators should be of trapezoid shape having base of appx 25cm \times

15cm and top 20cm x 7.5 cm) and height 1 meter.

b) The route/joint indicators should be fixed at minimum 7 cms depth and should be secured in upright position by ramming with stone and then by concreting by concrete mix of 1:2:4.

c) The route and joint indicators shall be painted with primer first. Then the route indicators shall be

- painted with yellow paint and joint indicator shall be painted with red paint.
- (VII) Concreting

In specific cases where concreting is required will be specifically informed by officer in charge. Concrete mix 1:2:4 is to be utilised for concreting work.

(VIII) ROAD BORING: In case of road/railway crossings, the cable shall be laid by punching/boring the road without damaging the road surface. The 100/120/150 mm GI/DWC pipes are to be inserted in all road borings & cables are to be inserted in the GI/DWC pipes.

(IX) Horizontal Directional Drilling (HDD)

The work involves horizontal directional drilling (HDD) 40 mm dia for passing up to 200 Pair U/G cable and 75mm dia for passing 2 nos of 100 Pr U/G or higher size cable and reinstating. The work is to be carried under River/Canal bed irrespective of all kind of soil. It will be applicable where manual trenching/boring is not possible.

(X) RECOVERY OF UG CABLE ALREADY LAID:

The contractor has to make trenches of appropriate size for the purpose of extracting the cables which have already been laid sometimes ago. This is because it has become necessary now on the part of the authority that the UG cable which is already laid may get damaged in future in the road expansion work or due to some other reason or it has become so bad that it requires replacement with a new cable for improving the quality of service. For this contractor has to make trenches as per the direction of the SDE in- charge along the road side. First of all the route of the cable is to be identified either by using Cable route Tracer or manually by making a number of short trenches perpendicular to the

anticipated cable route. Once the cable is detected then regular trenching may be done. This work has to be done in a very delicate manner and in presence of the BSNL officer of JTO or SDE rank. by the contractor to see that no damage occurs to any of the Sufficient precaution has to be taken cable/pipe of other private operator or Govt. bodies including BSNL's own cable or pipe. In case of any damage to the cable/pipe then penalty as per Clause 12.4 of Section -VI of this tender document will be charged to the contractor. Standardised percentage of rates depending upon the 8.1.2 of Section-VI available depth of the cable have been fixed, which may be referred at Clause noof this document. For this work contractor has to quote the rates separately in the financial bid.

(XI) Documentation

The documentation shall be prepared primary cable wise with all its pillars shown and for all its pillars the distribution cables should be shown clearly. The scope of work in documentation shall include the following. <u>Route Diagram</u>: Route diagram must be prepared showing alignment of cables on roadside on a geographical map of the exchange/pillar area.

• Joint offsets: The joint locations should show clearly the location of the joint and its distance from three permanent points so that the points can be located easily as and when required.

• Pillar cards: The pillar cards shall show the termination details of primary as well as distribution cables in the pillar.

MDF termination cards: The MDF termination cards should contain details of termination of cable in MDF depicting full details of MDF vertical, Tag block number and pair no. of the cable terminated and its correspondence with termination in pillars.

The front cover of all the above documents shall have the following details.

- a) Name of SSA.
- b) Name of exchange.
- c) Name of contractor
- d) Name and No. of the pillar
- e) Work order no.
- f) Date of commencement & completion

The contractor shall supply six copies of bound documents as one set of documentation.

The work is to be carried out by contractor in conformity with the engineering instruction of the BSNL.

SECTION-V

INSTRUCTIONS TO BIDDERS & CONDITIONS OF TENDER

1. TERMS:

1(a) "BSNL" or "The Nigam" or "The Tendering Authority" means Bharat Sanchar Nigam Limited (A Govt. of India Enterprise) represented by the TELECOM DISTRICT MANAGER, BARIPADA-757001 Baripada.

1(b) "The Bidder" means the individual or firm who participates in this tender & submits its bid.

1(c) "The Work Order" means the order placed by the BSNL on the Bidder signed by the Engineer-in-Charge of BSNL including all attachments & appendices thereto and all document incorporated by reference therein. The work shall be deemed as "Contract" appearing in the document.

1(d) "The Contract Price" means the price payable to the bidder under the work order for full & proper performance of its contractual obligations.

1(e) "Site Engineer" means the concerned Sub-Divisional Officer (Phones) or Sub-Divisional Officer (Telegraphs).

1(f) "Engineer In-Charge" means the controlling DE/AGM of respective Site Engineer of this Telecom District who is designated as the "Engineer in-Charge" of respective "Site Engineer".

1(g) "E-Tender Portal" means the website "www.tenderwizard.com/BSNL" of M/s ITI Limited who is providing e-Tendering solution to BSNL.

1(h) "ETS" means the Electronic Tendering System through the e-Tender Portal.

2. SERVICES TO BE PROVIDED

As per Section-IV

3. ELIGIBLE BIDDERS

As per clause-5 of NIT, Section-I

4. COST OF BIDDING

The bidder shall bear all costs associated with the preparation and submission of the bid. BSNL in no case be responsible for these costs regardless of the conduct or outcome of the bidding process.

5. BID DOCUMENT

Bid document includes the following Sections:

Sl.no	Description	SECTION NO.
1	NOTICE INVITING TENDER	I
2	ZONEWISE ESTIMATED COST & BID SECURITY (EMD)	II
3	JURISDICTION OF CONTRACT	III
4	SCOPE, SPECIFICATION AND WORK DESCRIPTION.	IV
5	INSTRUCTIONS TO BIDDERS & CONDITIONS OF TENDER	V
6	GENERAL (COMMERCIAL) CONDITIONS OF THE CONTRACT	VI
7	SPECIAL CONDITION OF CONTRACT	VII
8	FINANCIAL BID (RATE SHEET)	VIII
9	CHECK LIST/REQUIREMENTS	IX
10	FORMATS FOR DECLARATIONS, UNDERTAKINGS, AGREEMENTS AND CERTIFICATES	x
11	Schedule of rates	XI

(a). The Bidder is expected to examine all instructions, forms, terms and specifications in the Bid Documents. Failure to furnish all information required as per the Tender Document or submission of the bids not substantially responsive to the Tender Document in every respect will be at the bidder's risk and may result in rejection of the bid.

6. CLARIFICATION ON BID DOCUMENTS

6(a). A prospective bidder, requiring any clarification on the Bid Documents shall notify the Tendering authority in writing or FAX or at the Tendering authority's mailing address indicated in the NIT. The Tendering authority shall respond in writing to any request for clarification of the Bid Documents, which it receives before 7 days of last date of the submission of bids. Copies of the query (without identifying the source) and clarifications by the Tendering authority shall be sent individually to all the prospective bidders who have received the bid documents.

6(b). Any clarification issued by BSNL in response to query raised by prospective bidders shall form an integral part of bid documents and it may amount an amendment of relevant clauses of the bid document.

7. DOCUMENTS TO BE SUBMITTED FOR BID

(a). The details of documents to be submitted with the Bid are as detailed at Section IX. If any one of the above items required to be submitted along with the Technical bid is found wanting, the offer is liable to be rejected at that stage.

(b). Documents in original should be submitted for verification as required by the Tendering Authority.

(c). The bidder will verify the genuineness and correctness of all documents and certificates including experiences/performance certificates, submitted by the bidder or any other firm /associates before submitting them in the bid. The onus of proving genuineness of the submitted documents would rest with the bidder.

(d). As per the requirement of the tender conditions, if any documents/paper/certificate submitted by the bidder is found to be false/fabricated/tampered /manipulated at any stage during bid evaluation or after award of contract, then the bid security (EMD/MBG) of the bidder would be forfeited and the bidder would be disqualified from the tender. Action would be taken for banning of business dealings with the defaulting firm. In case contract has already been awarded to the bidder, then MBG would be forfeited and the contract would be rescinded/ annulled and BSNL would be at liberty to procure the services from any other source at the risk and cost of the defaulting bidder. Action would also be taken for banning business dealings with the defaulting firm. An undertaking to this effect should be submitted by the bidder as per format at Annexure-L of Section-X.

8. AMENDMENT TO BID DOCUMENT

8(a). At any time, prior to the date of submission of bid, tendering authority may, for any reason whether at its own initiative or in response to a clarification required by a prospective bidder, modify the bid documents by amendments.

8(b). The amendments shall be notified in the E-Tender Portal and these amendments will be binding on them.

8(c). In order to afford prospective bidders reasonable time to take the amendments into account in preparing their bids, the Tendering authority may, at its discretion, extend the deadline suitably for the submission of bids.

8(d). It is the sole responsibility of the bidder to confirm from the E-Tender Portal and/or from the following contacts regarding amendments, if any, or any other clarifications before uploading of the tender document

ITI Tender Wizard	Shri Swadesh , 07008064095/Shri Biswajit Kar, 9438724476,7205256280 between 10:30 hrs
Help Desk Contact	to 17:00 hrs from <u>28.05.2018to 18.06.2018</u> <u>twhelpdesk691@gmail.com</u>
BSNL Contact-1	AGM (CFA) O/o TDM Baripada Tel.No.06792-257599 FAX 06792-256320, between 11:00 hrs to 17:00 hrs from <u>28.05.2018 to 18.06.2018</u> email-id : <u>kbehera1963@gmail.com</u>
BSNL Contact-2	Shri S.K.Singh, SDE (Planning/MM) O/o TDM BSNL Baripada , Tel.No.06792- 252999, <mark>Mob.No.</mark> 9437962398 between 11:00 hrs to 17:00 hrs from <u>28.05.2018 to 18.06.2018</u> , email id <mark>:</mark> sarojsingh446@gmail.com

9. PREPARATION OF BID DOCUMENTS - TECHNICAL BID & FINANCIAL BID

It is a two-stage bid system and the bid prepared by the bidder shall comprise of Technical Bid and Financial Bid and should be prepared as per Clause 15 of this Section.

10. BID FORMS

The bidder shall fill in the tender document in all respects, sign on all pages along with seal of the firm if any and upload scanned documents of the same in e-Tender Portal.

11. BID PRICE

(a). Prices shall be quoted as per Section VIII of Financial bid, by the bidder, as percentage below / above / at par the schedule of rates given in schedule of rates in Section XI, inclusive of all levies & taxes, except GST. Prices quoted at any other place shall not be considered.

(b). A bid submitted with an adjustable price quotation will be treated as non - responsive and

rejected.

(c). "DISCOUNT, if any, offered by the bidders shall not be considered.

(d). The tender with abnormal high or low rates are liable for rejection as per decision of BSNL.

(e). Prices once fixed will remain valid for the period of contract. Increase & decrease of taxes/duties will not affect the price during the period.

(f). BSNL shall not be responsible for any escalation in prices of labour or materials etc whatsoever, or any

increase in any duties levels or taxes in respect of machinery equipment thereof whatsoever, and the contractor's rates and contractor's obligation shall remain unaffected by such escalation and/or increase. The contractor shall not be entitled to any compensation whatsoever by reason of suspension of the whole or any part of work made necessary by BSNL or deemed devisable on account of force majeure condition.

12. PERIOD OF VALIDITY OF BIDS

12.1 Bid shall remain valid for 150 days from date of opening of the bid (Qualifying Bid). A BID VALID FOR A

SHORTER PERIOD SHALL BE REJECTED BY THE DEPARTMENT AS NON-RESPONSIVE.

12.2 In exceptional circumstances, the purchaser may request the consent of the bidder for an extension to the period of bid validity. The request and the response thereto shall be made in writing. The bid security shall also be suitably extended. The bidder may refuse the request without forfeiting its bid security. A bidder accepting the request and granting extension will not be permitted to modify his bid.

13. COMPLIANCE

The bidder should ensure unconditional clause- by - clause compliance with all the terms and conditions of the tender document and a declaration to the effect in Annexure-C of section-X should be given along with bid document.

14. A. BID SECURITY/EMD

a) The bidder must deposit the amount as Bid Security as per Section -II. The payment should be made through online banking/RTGS/NEFT, as per clause 2(a) of Section-1(A).

(b) The EMD of the successful bidder will be converted to performance security and will be discharged after six months from the date of last work executed, provided there is no recovery to be made arising out of poor quality of work, incomplete work and /or violation of any terms and conditions of the contract as stipulated in the bid document. The SD will be released after getting NOC from concerned SDEs/SDOs and countersigned by DE/AGM. No interest shall be paid to the contractor on performance security.

(c) The Bid security of unsuccessful bidder will be discharged / returned as early as possible within 30 days time of the finalization of the tender or expiry of bid validity period.

(e) <u>A BID WITHOUT BID SECURITY SHALL BE TREATED AS NON-RESPONSIVE AND SHALL BE REJECTED</u> BY THE TENDERING AUTHORITY.

14.B.FORFEITURE OF BID SECURITY/EMD

The Bid Security/EMD may be forfeited, if

(a) The successful bidder backs out to accept the tender and/or does not deposit the MBG. (b) The successful bidders do not come for execution of agreement after deposit of MBG within the scheduled time;

(c) Withdraws his bid during the period of bid validity specified by the bidder in the bid form;

15. FORMAT AND SIGNING OF BID

15.1. The bidder shall submit his bid online, complying all eligibility conditions, other terms and conditions of tender document to be read along with the clarifications and amendments issued in this respect. All the documents including the tender document must be signed by the bidder. If the bid is signed by a person other than the bidder, he must be authorised by the bidder through a written power-of-attorney (original) accompanying the bid.

Note:-The Purchaser may ask the bidder(s) to supply, besides original bid, additional copy of bids as required by him.

15.2. The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder in which case such corrections shall be signed by the person or persons signing the bid. All pages of the original bid, except for un-amended printed literatures, shall be signed by the person or persons signing the bid.

15.3 Power of Attorney

(a) The power of Attorney should be submitted and executed on the non-judicial stamp paper of appropriate value as prevailing in the concerned states(s) and the same be registered before Sub-registrar of the state(s) concerned.

(b) The power of Attorney be executed by a person who has been authorized by the Board of Directors of the bidder in this regard, on behalf of the Company/institution/ Body corporate.

(c) In case of the bidder being a firm, the said Power of Attorney should be executed by all the partner(s) in favour of the said Attorney.

(d) In case of individual, the said power of attorney should be executed by the bidder himself in favour of the attorney.

16. PREPARATION & SUBMISSION OF BIDS

I. Contents of the Bid:

The bid contains three parts -

<u>Part A:</u> The scanned copies of the Payment of Cost of Tender paper and EMD through online /NEFT / RTGS & Power of attorney (If applicable) have to be uploaded in the e-Tender Portal of M/s ITI.

<u>Part B:</u> The Second part relates to uploading of scanned documents required for Technical Bid as per Section-IX in the appropriate place of the e-Tender Portal.

<u>Part C:</u> The third part relates to uploading of Financial Bid containing the Price schedule in excel format filled carefully in the appropriate place of the e-Tender Portal.

II. SUBMISSION OF BIDS:

a. All the clauses of the bids must be complied with and price bids must be quoted online by the bidders before the locking/closing time of the bid.

b. Scanned documents wherever necessary are to be uploaded in the appropriate places of e-tender portal.
c. The bidder shall submit a set of entire document signed in all pages, downloaded from e-Tender Portal against each individual bid offer for different Zones on the date of the opening of the tender else before signing of the agreement.

d. One Bidder can bid through the user-id allotted to him by M/s ITI in e-Tender Portal along with requisite Earnest Money Deposit (EMD) and cost of Tender Paper.

e. If any one of the document required to be submitted as referred to in Part A of Clause-16(I) of this Section is found to be wanting, the concerned bid shall be rejected at the opening stage itself.

f. The BSNL may, at its discretion, extend this deadline for the submission of the bids by amending the bid document in accordance with NIT in which case all rights and obligations of the BSNL and bidders previously referred to the deadline will thereafter be subject to the extended deadline.

17. LATE BIDS, MODIFICATIONS AND WITHDRAWAL OF BIDS

After the Locking Time, no bidder can submit the bid. The bidder may withdraw his bid after submission prior to the deadline prescribed for submission of bids. The bidder's withdrawal shall have to be online and digitally authenticated.

No bid shall be modified subsequent to the deadline for submission of bids as above.

18. BID OPENING AND EVALUATION

Financial bids & Technical bids shall be submitted by the bidder at the same time. The bids will be opened in two stages. The Tendering Authority will open the technical bids in the presence of bidders or their authorized representatives on the due date as noted in NIT.

The bidder or one of his authorized representatives shall be permitted to attend the bid opening. Authorization letter to this effect shall be submitted by the bidders before they are allowed to participate in bid opening as per Annexure G in Section X. The bidders can view the opening details after the Tendering Authority opened them.

The bidder or his representative, who is present, shall sign in tender Opening Register. The date fixed for opening of bids, if subsequently declared as holiday by BSNL, the revised date of schedule will be notified in the e-Tender Portal. However, in absence of such notification, the bids will be opened on the next working day, time remaining unaltered.

Technical bids will be evaluated by the Tendering Authority and after completion of the technical Evaluation; the eligible bidders list for the financial bid opening will be made available in the e-Tender Portal. Opening date and time of Financial Bid will be notified in the e-Tender Portal after opening of the Technical Bid.

19. PLACE OF OPENING OF TENDER BIDS

Authorized representatives of bidders (i.e. vendor organization) can attend the Tender Opening Event (TOE) in the chamber of AGM(Admin),Door Sanchar Bhawan, Baripada-757001 where BSNL's Tender

Opening Officers would be conducting through online e-Tender as noted in NIT. If due to administrative reasons, the date and venue of e Bid opening is changed, same will be displayed prominently in the notice board of the e-Tender Portal.

20. PRELIMINARY EVALUATION

(a) Tendering authority shall evaluate the bids to determine whether they are complete in all respects, whether any computational errors have been made, whether required sureties have been furnished etc.

(b) Prior to the detailed evaluation, the Tendering authority will determine the substantial responsiveness of each bid to the Bid documents.

(c) For purposes of these clauses, a substantially responsive bid is one, which conforms, to all the terms and conditions of the Bid documents without any material deviation. The tendering authority's determination of bid's responsiveness shall be based on the contents of the bid itself without recourse of any extrinsic evidence.

(d) A bid, determined as substantially non-responsive will be rejected by the Tendering authority and shall not, subsequent to the bid opening, be made responsive by the bidder by correction of the non-conformity. The tendering authority shall not be bound to show the reasons/causes of rejection of the bid.

(e) The Tendering authority may waive any minor infirmity or non-conformity or irregularity in a bid, which

does not constitute a material deviation, provided such waiver, does not prejudice or affect the relative ranking of any bidder.

21. EVALUATION AND COMPARISON OF SUBSTANTIALLY RESPONSIVE BIDS

(a) The Tendering authority shall evaluate and determine as to whether the bid is substantially responsive or not as per above conditions.

(b) Arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected by the Tendering authority. If there is a discrepancy between words and figures, the amount in words shall prevail.

(c) If the bidder does not accept the correction of the errors, his bid shall be rejected.

(d) Any bidder can quote for maximum of two Zones in the financial bid and L-1 will be evaluated zone wise considering only the substantially responsive bids.

(e) Tendering authority may negotiate with L1 bidder
 negotiated price to other successful bidder(s). However,
 multiple bidders.
 only or can make counter offer of the same L1
 BSNL reserves the right to award the work to

22. CONTACTING THE TENDERING AUTHORITY

(a) Subject to seeking clarifications on e-tendering and tender document, no bidder shall try to influence the Tendering authority on any matter relating to its bid, from the time of the bid opening till the time the contract is awarded.

(b) Any effort by a bidder to influence the Tendering authority in his decision on the matter of bid evaluation, bid comparison or contract award shall result in the rejection of the bid.

23. AWARD OF CONTRACT & CONTRACT PERIOD

a. <u>The BSNL shall</u> consider award of contract only to those eligible bidders whose offers have been found technically, commercially and financially responsive, eligible and accepted. Normally the bid of the tenderer who guote the lowest rate (as mentioned in financial bid) will be accepted.

b. However the BSNL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders.

c. The BSNL reserves the right to disqualify such bidders who have a record of not meeting contractual obligations against earlier contracts entered into with the BSNL Baripada Telecom District.

d. The BSNL reserves the right to counter offer price(s) against price(s) quoted by any bidder.

e. However if the contractor is not doing the work after issuing work order by the concerned SDOP/SDOT/SDE(G/E) then TDM reserves the right to award the work of that Section to the willing

contractor of the other Section with submission of additional PBG.

f. Normally the amount of SD will remain unaltered in all cases mentioned above.

g. If any Section is laying vacant either by non submission of bid document or non-responsive bidders then TDM reserves the right to award the work of that Section to the willing eligible contractor with submission of additional PBG.

h. The contract shall be valid for a period of one year from the date of signing the agreement. The TDM, BSNL,

Baripada reserves the right to increase the contract period from the agreed period for a maximum period of six months with same rate and terms and conditions. He also reserves the right to cancel the contract at any time without assigning any reasons thereof. In exceptional cases competent authority may decide to extend the period of contract for another six months on the same rates and on the same terms and conditions on mutual agreement. When the period of contract is extended, the estimated cost will be increased accordingly. In case of extension of contract period, the concerned contractor has to submit a request letter for his willingness to work in the same terms and conditions of the agreement.

24 ISSUE OF LETTER OF INTENT

The issue of letter of intent shall constitute the intention of the department to enter into the contract with the bidder. Letter of intent will be issued as offer to the successful bidder. The bidder shall give his acceptance within 15 days of issue of letter of intent & will complete submission of PBG and agreement.

25 SIGNING OF CONTRACT AGREEMENT:-

The successful tenderer shall be required to execute an agreement on a non-judicial stamp paper of Rs. 100/- (Rupees one hundred only) at his own cost as per the enclosed proforma within 15 (Fifteen) days from the date of deposit of material security in this office. In the event of failure of the tenderer to sign the agreement within 15 (Fifteen) days of being called upon to do so after depositing the required SD or, in the event of his failure to start the work as stipulated in the work order, then the amount of bid security (EMD) or material security as the case may be, shall be forfeited by BSNL and the acceptance of the tender shall be considered as revoked.

26 ANNULMENT OF AWARD

Failure of the successful bidder to comply with the requirement of Clause-24 & 25 shall constitute sufficient ground for the annulment of the award and for forfeiture of bid security, in which event, the department may make the award to any other bidders at the discretion of the department or call for new bids.

<u>SECTION-VI</u>

GENERAL (COMMERICAL) CONDITIONS OF THE CONTRACT

1. APPLICATION

The General condition shall apply in contracts made by the department for the execution of UG cable construction work.

2. STANDARDS

The works to be executed under the contract shall be strictly according to the BSNL standard prescribed in UG cable construction practices.

PRICES:

Prices charged by the contractor for the works performed under the contract shall not be higher than the prices quoted by the contractor in his bid.

4. SUBCOUNTRACTS:-

The contractor shall not assign, sub contract the whole or any part of the works covered by the contract, under any circumstances

5. SECURITY

MATERIAL SECURITY (MBG):

The Bidders shall furnish Material Security Deposit in the format at Annexure-F of Section -X a) amount as mentioned against each zone in Section-II of the tender document in the form of Bank for an Guarantee from a Nationalized/ scheduled Bank for a period of $2\frac{1}{2}$ years in favour of A.O. (Cash), BSNL, O/o TDM Baripada payable at Baripada as awarded by the TDM,BSNL, Baripada. The MBG is to be deposited within 15 (Fifteen) days from the date of receipt of letter of acceptance or letter of intent failing which their EMD or bid security may be forfeited and tender may be cancelled. BSNL may extend the time for submission of MBG on the request of the bidder.

b. The contractor, at any point of time, will not be issued stores costing more than the material security. The proceeds of the material security shall be payable to BSNL as compensation for any loss resulting from the contractor's failure to handle properly the material issued to him under the contract.

c. The material security shall be released within a period of 6(Six) month from the date of payment of the final bill under the contract or the final settlement of the material account whichever is later.

PERFORMANCE SECURITY:

i) An amount of 8% of each running bill/final bill of the contractor will be deducted from the billed amount as performance security deposit (SD) in addition to the sum already deposited as material security deposit. The proceeds of the performance security shall be payable to BSNL as compensation for any loss resulting from the contractors failure to complete its obligation under the contract.

ii) The performance security deposit shall be refunded to the tenderer after six months from the date of last work executed provided there are no recoveries to be made arising out of poor quality of work, incomplete work and/or violation of any terms and conditions of the contract as stipulated in the bid document. The SD will be released after getting NOC from concerned SDEs/SDOs and countersigned by DE/AGM.

iii) No interest shall be paid to the contractor on performance security.

6. ISSUE OF WORK ORDERS AND TIME LIMIT:

The contractor shall organize the work in such a way so as to deliver meaningful output of requisite quality within shortest possible time.

The work orders shall be issued by SDO concerned examining the technical and planning details of the works to be executed.

If due to any reason, the deviation in work is required, the same shall be issued with the approval of TDM,BSNL, Baripada.

The AGM/SDO shall mention the time limit to execute the work order after seeing the quantum of work and store availability position. The department reserves the right to cancel or modify the scope of work stipulated to be carried out against the work order.

7. EXTENSION OF THE TIME LIMIT OF WORK ORDER-

GENERAL

The time allowed for carrying out the work in each work order is to be strictly observed by the contractor and shall be counted from 7th day (inclusive in the period of completion as mentioned in the work order) from the date of issue of work order for new works. In case of maintenance works, for prompt

restoration of services, work should be commenced immediately after the date of issue of work order. In as much as "the time being deemed to be the essence of contract", throughout the stipulated

period of contract, the work is to be proceeded with all due diligence on the part of the contractor.

Application for extension of the time and sanction of extension time (EOT)

7.2.1 In case of hindrance, other than covered under force majeure, while execution of work, the contractor shall apply in writing to SDO for extension of time (EOT) within three days of occurrence of hindrance. The SDO. In-charge shall forward the request to the **A.G.M.** (CFA), $_0/_0$ TDM Baripada with his detailed

report within three days of receipt of request from the contractor. The A.G.M. (CFA) is empowered to grant extension of time for completion of work on certain conditions. He shall exercise such powers, if the following conditions are satisfied.

The application contains the ground(s), which hindered the contractor in execution of work.

The Engineer-in-charge is of the opinion that the grounds shown for extension of time are reasonable.

The competent authority shall consider the request keeping all the facts and circumstances in view and shall grant extension of time.

The competent authority may also grant extension of time for completion of work in cases where reasons for delay are ascribable to the contractor, but such extension of time shall be with LD charges as per dealing with penalty for delays in execution of works. The extension of time with LD charges shall be issued under the signature of TDM Baripada to grant the extension of time.

The competent authority shall grant EOT with time period for completion of work expressly mentioned. The sanction for the competent authority of EOT shall be issued under the signature of the TDM Baripada.

If the competent authority is of the opinion that the grounds shown by the contractor are not reasonable and sufficient and declines to grant the extension of time, the contractor cannot challenge the soundness of the opinion by reference to arbitration. The decision of the competent authority on period of extension of time or refusal for extension of time shall be final and binding on the contractor.

7.3 Grant of extension of time without applications

7.3.1 There are at times, practical difficulties like non-availability of materials, delay in providing permission etc. reasons of which are ascribable to the department. In such cases, the Engineer-in-charge (SDO/SDE) with approval of competent authority to sanction EOT may issue extension of time suo moto. The department will, however, not be liable to the contractor for any losses or damages, or expenses that the contractor may in any way suffer due to delay in making the above available.

8. MEASUREMENT, INSPECTION, TESTING AND ACCEPTANCE TESTING

Measurement:-

8.1.1 The measurement books are to be maintained by the concerned SDOT/SDOP/SDE/JTO in charge of work. The entry shall be made in ink. No entry shall be erased. If a mistake is made, it should be corrected by crossing out the incorrect words or figures and inserting the corrections; the corrections thus made shall be initialed with date by the officer concerned.

8.1.2 **Responsibility of taking and recording measurement:** shall be taken and recorded in the measurement book issued with each work order. The measurement shall be taken and recorded by the SDO supervising the work, who shall be responsible for accuracy of 100% of measurements. The SDE/SDO, where JTO is supervising officer shall be responsible for conducting test check of 50% of measurements. The AGM shall be responsible for conducting test check of 10% of measurements. Measurement of length of cable: - The length of cables laid in trenches, through pipes and through ducts shall be measured by use of RODO Meter/Measuring tape. The length should be cross verified with the marking of lengths on the cables. The lengths shall be recorded in sheet provided in the measurement book.

MEASUREMENTOF DEPTH OF TRENCHES:

The cable routes proposed to checked by AGM or any be test other officer responsible for test check should be segmented with notation of distinct landmarks at both the ends. The segmented portion is distance equivalent to 20% of the entire segment. In the other words to be test checked at an interval of measurement is to be taken at the starting point and then at 20%,40%,60%,80% and 100% of the length of the segment. Average depth shall be worked out by dividing the total depth by number of points of measurement. recorded in measurement book The efforts required to excavate The measurements of depth shall be trenches is not proportionate especially with reference to depth . Therefore, normally the workers dig shallow trenches. tend to

As standard depth of the trench as per specification is important for future life and protection of cables, this tendency has to be discouraged. In order to encourage the contractor to achieve best possible depth in the face of site constraints, the following scale of payment shall be applied for digging trenches of lesser depths, subject to condition that relaxation has been granted by the competent authority for lesser depth.

In case of digging trenches of shorter depths, the contractor would be paid lesser amounts based on the following formula (for cables except 5pr). This formula is applicable for both laying of new UG cable as

well as for recovering of existing cables except that minimum of 20 percent of the normal trenching rate will be paid in case of recovery of UG cable with a depth less than or equal to 30cm. all other rates are remaining same.

Depth of cable trench (in cm)	Percentage of approved rate accorded
90 or above	100
80-89	75
70-79	65
60-69	50
50-59	40
40-49	30
30-39	20
<30	0

ii)In case of 5pr cables

Depth of cable trench (in cm)	Percentage of approved rate accorded
60	100
50-59	85
40-49	75
30-39	65
<30	0

The rate mentioned above will be taken as that for a trench of 100 cm (for cables except 5pr) &60 cm for 5pr cables and proportionate calculation will be done based on this rate.

For trenches of depth less than 30 cm in case of laying of new cable, no charges would be paid.

Measurement of other items: The measurement/numerical details of other items should also be recorded in the measurement book viz.

- 1) Construction of plinths and erections, painting and sign writing of pillars.
- 2) Termination of cables on MDF and pillars (Primary cables)
- 3) Termination of cables on Pillars & DPs (distribution cables)

8.1.3 The contractor shall sign all the measurement recorded in the measurement book. This will be considered as an acceptance by the contractor, of measurements recorded in MB.

In case contractor being informed officially fails to attend at the measurements, then measurement taken by the SDO/JTO shall be final and binding on the contractor.

8.1.4 The AGM (In-Charge) before passing the bill should carry out test check by re-opening trench at as many locations as necessary and bills will be passed only when he is personally satisfied of the correctness of entries in the "measurement Book" and as per the terms of the contract. The contractor shall provide the necessary assistance of labour for re-opening of trench for test check by the AGM. Separate payment shall not be made to the contractor for excavation of such test checks. However such test pits shall not be more than 10% of the cable laying work.

8.1.5 Measurement of the work of cable pulling through pipe/duct will be taken equal to the length of the pipe/duct through which the cable has been pulled and not the total length of the cable pulled through pipe/duct.

Inspection and quality control:-

8.2.1 The quality of works: The quality of U/G cable work depends upon the quality of individual items of work involved viz. depth of cable laid, protection, jointing of cables and termination at MDF, pillars, & D.P.s & documentation of cable network.

8.2.2 The contractor should be fully conversant with the construction practices and shall be fully equipped to

carry out the work in accordance with the specification.

8.2.3 In addition to acceptance testing being carried out by A.T. wing and supervision by construction officers, all works at all times shall be open to inspection of the department. The contractors shall be bound, if called upon to do so, to offer the works for inspection.

8.2.4 Site order book: The site order book (B) one of the primary records to be maintained by the JTO supervising the work during the course of execution of works. The noting made by officers as well as contractor, will form a basis for operation of many contractual clauses. The contractor shall remove all the defects pointed out by the department in the site order book. The contractor or their authorised representatives shall also be at liberty to note their difficulties etc. in these books. The site order books shall invariably be consulted at the time of making final payments to the contractor.

8.3. Testing and acceptance testing for Developmental work:-

8.3.1 The work shall be deemed to have been completed only after the same has been accepted by the Test Check officer. The contractor shall make test pits at the locations desired by Test Check officers, restore the pits after test measurements & provide all test/measurement tools required for conducting test checks.

8.3.2 Scope of acceptance and testing: The purpose of acceptance and testing is to verify integrity of measurement and quality of work done. If the measurements taken by Test Check Officer are found to be lesser, then the measurement taken by Test Check Officer shall prevail. The contractor shall be obliged to remove defect/deficiencies pointed out by the Test Check Officer without any additional cost to the department.

8.3.3 Offering the work for acceptance and testing: The SDO/SDE shall offer the work to Test Check officer for conducting acceptance and testing. The work shall be offered for Test Check as soon as work of a primary cable from MDF to pillar or works of distribution cable from pillar to DPs are completed in all respects.

9. WARRANTY:

9.1 All type of cable work like laying, jointing, termination etc. shall be guaranteed for a period of six months from the date of completion of work. In case of any defect or due to poor workmanship in the work without external damage, within the stipulated period of guarantee, the contractor shall repair the joint in his own cost within 24 hours of informing him, failing which the department may carry out the repairs and penalty equivalent to five times of the approved rate of the jointing work plus the cost of materials used shall be recovered from the contractor from his pending bill/SD or any amount due to him.

9.2 Replacement under warranty clause shall be made by the contractor free of all charges at site including freight, insurance cost of works and other incidental charges.

10. PAYMENT TERMS

Procedure for preparation and settlement of bills:-

All items of work involved in the work order shall be completed in all respect before referring the bills for the work. The provision of running bill has been made to make it easy for the contractor to manage his cash flow and to complete the work systematically and meaningfully in a shortest possible time. The procedure for preparation of running and final bills is enumerated as under:

10.1.1 Procedure for preparation processing and payment of running bills: -

The contractor shall prepare the running bills in triplicate & submit the bills to SDO/SDE in-charge of work. The bills shall be prepared accurately and as per measurements recorded in the MB. The contractor should submit the running bill within 15 days of acceptance and testing or else BSNL will not hold any responsibility for delay in payment. The S.D.E. In-charge shall record the certificate on the running bill that the site order books have been consulted before signing the running bills. This would enable the SDE to ensure whether the defects pointed out during execution have been rectified or not. The SDE In-charge of work shall scrutinize the bills and accord necessary certificates and submit the running bills with the documents as mentioned below to the AGM, in-charge of work.

a) Bill (GST Invoice) in triplicate duly pre-receipted with revenue stamp and certified by SDO/SDE and countersigned by AGM.

- b) Measurement Book with entries of measurement, abstract of work and test check report.
- c) Cable diagram
- d) Store utilisation and return statement.
- e) Copy of work order

The AGM shall check the bills and accord necessary certificates on the bills. The AGM shall retain the third copy in the estimate file maintained in his office and send first and second copies with all documents to works section of planning cell for processing of bills and release of payment.

The work section of planning cell shall process the bills in the estimate file of the concerned work and scrutinize the bill vis-à-vis work order issued, sanctioned provisions in the estimate etc. Against any running bill, payment to the extent of only 92% shall be made which shall be treated as an advance to the contractor. 8%

of the bill amount towards performance security deposit and Income tax at the prevailing rate shall be deducted at the time of payment from each running bill. GST on applicable rate will be paid as per the Govt. of India norms. Payment will be made through NEFT/RTGS to the designated Bank Account of the contractor..

10.1.2 **Procedure for preparation, processing and payment of final bill:-** The contractor shall prepare the final bill in triplicate after acceptance and testing of all the works and submit the same to S.D.O. in-charge of work within 30 days of A/T. The contractor shall prepare the final bill as per clause No. 10.1.1 containing the following additional details

Adjustment of performance security deposit and statutory taxes already recovered.

Store reconciliation statement, furnishing account of stores received against the work order and returned to the designated store as surplus with requisite verifications from store in-charge/SDE in-charge of work.

- Letters of grant of E.O.T (s). If work could not be completed within stipulated time.
- Two sets of bound documentation.
- A/T certificate duly signed by the A/T officer.

The SDO in-charge of work shall scrutinize the final bill against the works entrusted and accord necessary certificates stating that the work has been executed satisfactorily in accordance with specifications and terms and conditions of the contract. The SDO in-charge of work shall submit the final bill, along with other documents mentioned above and with documents as mentioned below to the Divisional Engineer, in-charge of work.

Bill prepared by the contractor

- Materials reconciliation statement.
- � Measurement book.
- Test Check certificates.
- The site order book.

Details of recoveries/penalties for delays, damages to departmental/third party properties as per provision of the contract. In case no recovery is to be made, NIL report needs to be submitted.

Details of empty cable drums cost of which needs to be recovered from the bill.

The AGM shall exercise the prescribed checks on the bills and accord necessary certificate on the bills. The AGM shall retain the third copy of the bill along with photocopies of other documents in his estimate file and send first and second copies of the bill, MB and other documents submitted by SDO along with the bills to works section of the planning cell for processing and final payment.

The work section of planning cell shall process the bills in the estimate file of the concerned work and scrutinize the bill vis-à-vis work order issued, sanctioned provisions in the estimate etc. The works sections shall scrutinize the bill and will recover all the liabilities of the contractor and statutory taxes besides 8% payments against security deposit. The bill shall be passed by the officer competent to pass the final bill.

Procedure for payments for sub standard works:-

The contractors are required to execute all works satisfactorily and in accordance with the specifications.

If certain items of work executed, or materials supplied by the contractor for the said work are sub-standard, or of a quality inferior to that contracted for, the AGM in-charge shall make a demand in writing to the contractor specifying the work, materials or articles about which there is a complaint.

Timely action by construction officers:- The JTO/SDO/SDE responsible for execution and supervision of work shall without any loss of time submit a report of occurrence of any sub standard work to the AGM in-charge besides making an entry in the site order book. A notice in respect of defective work shall be given to the contractor by AGM in-charge in writing during the progress of work asking the contractor to rectify/replace/remove the substandard items of work and also definite time period within which such rectification/removal/replacement has to be done. After expiry of the notice period, if the contactor fails rectify/replace/remove the substandard defects got rectified/replaced/removed to items, shall be departmentally or through some other agency at the risk and cost of the contractor.

Non-reporting of the sub standard work in time on the part of construction officer(s) shall not in any way entitle the contractor to claim that the defects were not pointed out during execution and as such the contractor cannot be absolved of the responsibility for sub standard work and associated liabilities.

Record of sub standard work: The items adjudged as sub standard shall be entered in to the measurement book with red ink 10.2.1 Electronically payment may be adopted observing all condition, modalities and the commission or

surcharge etc if any will be borne by the contractor

DISPOSAL OF EMPTY CABLE DRUMS

The contractor shall be responsible to dispose off the empty cable drums after laying of the cable. The competent authority taking into account the prevailing market rates has fixed the cost of various sizes of cable drums. The cost of empty cable drums shall be deducted from the bill for the work on which the cable along with the drum has been issued.

The contractor shall be responsible for the accounting of the cable drums issued and shall mention the number and types of cable drums in the bill so that the amount is deducted from the bills due. These are the rates of the empty cable drums which have to be

deducted from contractor's bill as per terms and conditions of the tender document.

SI	Size of drum	Rate of disposal in Rs.
1	800 Pairs	500.00
2	400 Pairs	375.00
3	200 Pairs	250.00
4	100 Pairs	150.00
5	50 Pairs	125.00
6	5/10/20 Pairs	75.00

Note:- These are fixed rates and no variation shall be acceptable from these rates.

11. PENALTY CLAUSE:-

a. The time allowed for completion of the work as entered in the tender shall be strictly adhered to by the contractor and shall be deemed to be the most important aspect of the contract on the part of the contractor and shall be reckoned from seventh day from issue of work order by the department. The contractor shall pay as penalty an amount equal to 1.0 (One) percent of the amount per week for every one week of delay in completion of work, subject to a maximum of 10 (ten) percent of the cost of the work awarded.

b. On any date the penalty payable as above, reaches 10 (ten) percent of the estimated cost of the work, the contractor should proceed with the work further only on getting a written instruction from the Divisional Engineer(AGM) that, he is allowed to proceed further with the work.

11.b.1 Penalty for delay in completion of the work shall be recoverable from the bills of the contractor and/or by adjustment from the security deposit or from the bills of any other contract. However, adjustment from security deposit will be made only when the contract has been terminated or at the time of final settlement of bills on completion of work.

In case of slow progress of the work in a section which have been awarded to a particular contractor and the public interest does not permit extension of time limit for completion of the work, the TDM, BSNL, Baripada will have the full right to order that the scope of the contract may be restricted to such fraction or whole of the work and get the balance or whole of the work executed at the risk and cost of the contractor. All such payments shall be recovered from the contractor's pending bills or security deposit.

The TDM, BSNL, Baripada reserves the right to cancel the contract and forfeit the security deposit if the contractor fails to commence the work within 7 days after issue of the work order.

12. Penalty for causing inconvenience to the public:

To ensure progress during the execution of work and to cause minimum inconvenience to the public, the contractor shall not dig a trench of more than 200 meters at a stretch in a route at a time. He shall cause to lay cable and close such trenches expeditiously. Under any circumstances stretch of trench of maximum 200 meters shall not be kept open for more than 4 days. In the event of contractor failing to comply with, these conditions, a penalty of recovery up to Rs. 300.00 per day the trench is kept open beyond the time limit allowed may be imposed by the department. This penalty will be in addition to that payable for delay or slow work.

12.2 The contractor shall not be allowed to dump the empty cable drums/waste materials in Govt./Public places, which may cause inconvenience to Govt./Public. If the contractor does not dispose off the empty cable drums/waste materials within 3 days of becoming empty, the department is at liberty to dispose off the drum in any manner deemed fit and also recover the amount fixed in the contract for empty cable drums/waste materials from the bill/security deposit of such materials. The department may also levy a penalty up to Rupees one thousand for each such default.

If any such penalty is levied on a contractor for more than 2 occasions, then his/her contract could be terminated. In this regard the decision on the TDM,BSNL, Baripada shall be final and binding.

Penalty for cutting damaging the old cable:-

During excavation of trench utmost care is to be taken by the contractor so that the existing underground	,
cables are not damaged or cut. In case any damage cut is done to the	
existing cables, a penalty as per the schedule given below will be charged from the contractor or the amount will be deducted from his	
running bill. Size of existing cables cut/damaged	Amount of penalty per cut/damage
Up to 100 Pairs	Rs. 500.00 (five hundred)
Above 100 Pairs & up to 400 Pairs	Rs. 1,000.00 (One thousand)
Above 400 Pairs	Rs. 2,000.00 (Two thousand)

Besides the above penalty, the contractor shall carry out such repairs for restoration of the damaged cable free of charge. The cost of jointing kit shall also be borne by the contractor. If contractor fails to repair the damage, the cost of repair (including cost of labour + jointing kit) shall be recovered from the contractor.

Penalty to damage stores/materials supplied by the department while laying:-

The contractor while taking delivery of materials supplied by the department at the designated place shall thoroughly inspect all items before taking them over. In course of execution of the work, if any material is found damaged/working unsatisfactorily, then penalty equivalent to the cost of material + 10%, as penalty shall be recovered from the contractor's payments/securities.

In case of damage to PIJF cables, while laying, the cost of number of pairs damaged (including laying charges, transportation/shortage charges) adding 10% as penalty shall be recovered from the contractor's bills/securities.

However, contractor will not be penalised for any defect in workmanship of the materials, which shall be taken up separately with the supplier of the stores.

13. Rescission/ Termination of contract

Circumstances for rescission of contract:

Under the following conditions the competent authority may rescind the contract.

a. If the contractor commits breach of any item of terms and conditions of the contract.

b. If the contractor suspends or abandons the execution of work.

c. If the contractor had been asked to rectify/replace any defective work and he fails to comply with the requirement within the specified period.

If the contractor does not execute the work to meet some emergent need of BSNL within the stipulated time mentioned in work order. TDM Baripada under his discretion reserves the right to get the work done by any other BSNL approved contractor from the neighbouring zone of Baripada SSA at the rate approved for that particular zone.

Upon rescission of the contract, the security deposit of the contractor shall be liable to be forfeited and shall be absolutely at the disposal of the department as under.

13.3.1 Measurement of works executed since the date of last measurement and up to the date of rescission of contract shall be taken in the presence of the contractor or his authorised representative who shall sign the same in the MB. If the contractor or his authorised representative does not turn up for joint measurement, the measurement shall be taken by the officer authorised for this purpose after expiry of due date given for joint measurement. The measurement taken by the officer so authorised shall be final and no further request for joint measurement shall be entertained.

13.3.2 The unused materials (supplied by the department) available at site shall be transported back by the department to the Telecom Store at the risk and cost of the contractor.

13.3.3 In the event of non-execution of work timely, the work order will be cancelled. The un-executed work shall be got executed through any other qualified bidder from amongst the bidder, who participated in the bidding process and as decided by TDM,BSNL, Baripada. The department may get the unexecuted work completed through any other contractor approved in Baripada Telecom District at the approved rates of that

Read, understood, complied & agreed

Signature & seal of bidder with Date

particular section or to execute the work departmentally, at the risk and cost of the contractor. In such an event no compensation shall be payable by the department to the contractor for any loss caused to him by such an action by the department. In this regard the decision of TDM,BSNL, Baripada shall be final and binding. In all these cases, the extra expenditure incurred due to getting the work done by any other means will be borne by the contractor

13.3.4 The certificate of the AGM in-charge of work as to the value of work done shall be final and conclusive against the contractor, provided always that action shall only be taken after giving notice in writing to the contractor.

14. Termination for Insolvency

The department may at any time terminate the contract by giving written notice to the contractor without compensation to contractor, if the contractor becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or affect any right.

Optional Termination by department (other than due defect of the contractor)

14.1.1 The department may, at any time, at its option cancel and terminate this contract by a written notice to the contractor, in which event the contractor shall be entitled to payment for the work done up to the time of such cancellation.

In the event of the termination of the contract the contractor shall forthwith clear the site of all the contractor's materials, machinery and equipment and hand over possession of the work concerned to the department.

The department may, at its option, cancel or omit the execution of one or more items of work under this contract without any compensation to the contractor.

14.2 Issuance of Notice.

14.2.1 The AGM in-charge of work shall issue show cause notice giving details of lapses, violation of terms and conditions of the contract, delays or suspension of work or slow rogress to the contractor directing the contractor to take corrective action. If the contractor fails to do so within the stipulated time, the AGM in-charge shall submit a draft of final notice along with a detailed report to the competent authority who had accepted the contract.

14.2.2 The final notice for rescission of contract to the contractor should state the precise date and time from which the rescission would become effective. The following safe guards shall be taken while issuing the final notice.

a. During the period of service of notice and its effectiveness, the contractor should not be allowed to remove any material/equipment belonging to the department from the site.

b. The contractor shall give in writing the tools and plants he would like to take away/remove from the site.

c. No new construction beneficial to the contractor shall be allowed.

15 INDEMNITIES

15.1 The contractor shall at all times hold the department harmless and indemnify from against all action, suits, proceedings, works cost, damage charges, charges, claims and demands of every nature and description, brought or procured against the department, its officers and employees. In addition the contractor shall pay to the department forthwith on demand without protest or demur all cost, charges and expenses and losses and damages otherwise incurred by it in consequences of any claim, damages and actions which may be brought against the department arising out of or in connection with operation covered by the contractor.

15.2 The contactor shall at his own cost at the department's request defend any suit or other proceeding asserting a claim covered by this indemnity, but shall not settle, compound or compromise any suit or other finding without first consulting the department.

16. FORCE MAJEURE:

16.1 If any time, during the continuance of this contract, the performance in whole or in part by either party or nay obligation under this contract shall be prevented or delayed by reason of any war, or hostility, acts of the public enemy, civil commotion sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (Herein after referred to as events) provided notice of happening, of any such eventuality is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any such claim for damages against the other in respect of such non-performance and work under the contract shall be resumed as soon as practicable after such event may come to an end or cease to exist, and the decision of the department as to whether the work have been so resumed or not shall be final and conclusive, provided further that if the performance, in whole or part of any obligation under this contract is prevented or delayed by reason of any such event, for a period exceeding 60 days either part may, at his option terminate the contract.

16.2. Provided also that if the contract is terminated under this clause, the department shall be at liberty to

take all unused, undamaged and acceptable materials, bought out components and stores from the contractor at a price fixed by the department, which shall be final.

- 17. ARBITRATION
- 171 In the event of any question, dispute or difference arising under this agreement or in connection
 - there-with except as to matter the decision of which is specifically provided under this agreement, the same shall be referred to sole arbitration of the CHIEF GENERAL MANAGER Telecom BSNL, Odisha Circle Bhubaneswar or in case his designation changed or his office is abolished then in such case to the sole arbitration of the officer for the time being entrusted whether in addition to the functions of the Chief General Manager BSNL, Odisha Circle Bhubaneswar or by whatever designation such officers may be called. The award of the arbitrator shall be final and binding on the parties.
- The venue of the arbitration proceeding shall be the O/O the Chief General Manager BSNL Odisha 17.2 Circle Bhubanewar or such other places as the arbitrator may decide. The following procedure shall be followed.
 - In case parties are unable to reach a settlement by themselves, the dispute should be submitted for arbitration in accordance with contract agreement.

There should not be a joint submission with contractor to the sole arbitrator.

- Each party should submit its own claim severally and may oppose the claim put forward by the other party.
- The onus of establishment his claims will be left to the contractor.
- a claim has been included in the submission by the contractor, a modification thereof will be Once opposed.
- The "point of defence" will be based on actual conditions of the contract.
- Claims in the nature of ex-gratia payments shall not be entertained by the Arbitrator as these are not contracted.
- 18. TERMINATION FOR DEFAULT
 - The BSNL may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the service supplier, terminate this contract in whole or in part
 - a) If the service supplier fails to deliver his service within the time period(s) specified in the contract, or any extension thereof granted by the BSNL.
 - b) if the service supplier fails to perform any other obligation(s) under the Contract.
- 19. COURT JURISDICTION
- Any dispute arising out of the tender/bid document/ evaluation of bids/ issue of LOI shall be subject to the jurisdiction of the competent court at the place from where the NIT/ tender has been issued.

Where a contractor has not agreed to arbitration, the dispute/ claims arising out of the Contract/ PO entered

with him shall be subject to the jurisdiction of the competent Court at the place from where Contract/PO has been issued. Accordingly, a stipulation shall be made in the contract as under. "This Contract/ PO is subject to jurisdiction of Court at Baripada only".

17. E-TENDERING INSTRUCTIONS TO BIDDERS

The instructions given below are ITI's e-tender portal centric and for e-tenders invited by the TELECOM DISTRICT MANAGER, BARIPADA-757001 Baripada of Odisha Circle only.

A. General:

a. Submission of Bids only through online process is mandatory for this Tender for conducting electronic tendering, the Tendering Authority is using the e-Tender Portal (https://www.tenderwizard.com/BSNL) of M/s ITI Limited, a Government of India Undertaking.

b. For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the Electronic Tendering System (ETS.).

It is advised that all the documents to be submitted (Section-IX) are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission. The Price bid (Excel Format) may be downloaded and rates may be filled appropriately. This file may also be saved in a secret folder on your computer.

While uploading the documents, it should be ensured that the file name should be the name of the document itself for easy pairing and scrutiny.

B. Tender Bidding Methodology:

Financial bids & Technical bids shall be submitted by the bidder at the same time.

C. Broad outline of activities from Bidders perspective:

- Procure a Digital Signature Certificate (DSC) а.
- Register for Electronic Tendering System (ETS) in e-Tender Portal. b.
- Create Users and assign roles on ETS с.
- View Notice Inviting Tender (NIT) on ETS d.
- Download Official Copy of Tender Documents from ETS e.

- f. Clarification to Tender Documents on ETS Query to BSNL (Optional)
- g. View response to queries posted by BSNL, through addenda.
- h. Bid-Submission on ETS
- i. Attend Public Online Tender Opening Event (TOE) on ETS Opening of Technical-Part
- j. Post-TOE Clarification on ETS (Optional)
- k. Respond to BSNL"s Post-TOE queries
- I. Attend Public Online Tender Opening Event (TOE) on ETS Opening of Financial-Part

(Only for Technically Responsive Bidders)

D. Digital Certificates

For integrity of data and its authenticity/ non-repudiation of electronic records, and be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC). also referred to as Digital Signature Certificate (DSC), of Class III issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer http://www.cca.gov.in]. Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer http://www.cca.gov.in].

E. Registration

The Tender document can be downloaded from the e-Tender Portal and to be submitted in the e-format. Requirement payment is to be made in e-payment, as instructed.

Amendments, if any, to the tender document will be notified in the above website as and when such amendments are notified.

It is the responsibility of the bidders who have downloaded the tender document from the website to keep themselves abreast of such amendments before submitting the tender document.

Intending bidders are requested to register themselves with M/s. ITI Limited through e-Tender Portal for

obtaining user-id, Digital Signature Certificates etc., by paying Vendor registration fee and processing fee for participating in the above mentioned tender.

The General Manager Telecom District Baripada has decided to use process of e-tendering for inviting this tender and thus the physical copy of the tender would not be sold.

After successful submission of Registration details and Vendor registration fee and processing fee (as applicable), please contact ITI Helpdesk and BSNL Contact Points (as given below), to get your registration accepted/activated.

ITI Tender Wizard	Shri Swadesh , 07008064095/Shri Biswajit Kar, 9438724476,7205256280 between 10:30 hrs
Help Desk Contact	to 17:00 hrs from <u>28.05.2018to 18.06.2018</u> <u>twhelpdesk691@gmail.com</u>
BSNL Contact-1	AGM (CFA) O/o TDM Baripada Tel.No.06792-257599 FAX 06792-256320, between 11:00 hrs to 17:00 hrs from <u>28.05.2018 to 18.06.2018</u> email-id : <u>kbehera1963@gmail.com</u>
BSNL Contact-2	Shri S K Singh, SDE (Planning/MM) O/o TDM BSNL Baripada, Tel.No.06792- 252999, Mob.No. <mark>94</mark> 37962398 between 11:00 hrs to 17:00 hrs from <u>28.05.2018 to 18.06.2018</u> , email id : <u>sarojsingh446@gmail.com</u>

18. INTIMATION OF CORRECTIONS/MODIFICATIONS TO TENDER DOCUMENT

The correction/modification, if any, in the tender document will be uploaded in the Website i.e. <u>www.orissa.bsnl.co.in/Baripada</u> and www.tenderwizard.com/BSNL as noted in NIT, which will be treated as final. The amendments if any will not be published in the Newspaper. It is the responsibility of the bidders to visit e-Tender Portal and keep themselves updated regarding amendments/ correction/ modification etc.

19. IMPORTANT INSTRUCTIONS

- a. The documents and certificates should be submitted online by uploading in the e-Tender portal as mentioned in Sec-IX
- b. Special Note on Security of Bids in ETS:

i. Security related functionality has been rigorously implemented in ETS in a multidimensional manner.

Starting with 'Acceptance of Registration by the Service Provider', provision for security has been made at various stages in Electronic Tender's software. Specifically for Bid Submission, some security related aspects are outlined below:

ii. As part of the Electronic Encrypter functionality, the contents of both the "Electronic Forms" and the "Main-Bid" are securely encrypted using a Pass-word created by the server itself. The Pass-word is more difficult to break. This method of bid encryption does not have the security and data-integrity related vulnerabilities which are inherent in e-tendering systems which use Public- Key of the specified officer of a Buyer organization for bid-encryption. Bid-encryption in ETS is such that the Bids cannot be decrypted before the Public Online Tender Opening Event (TOE), even if there is connivance between the concerned tender-opening officers of the Buyer organization and the personnel of e-tendering service provider.

c. Public Online Tender Opening Event (TOE)

- i. ETS offers a unique facility for "Public Online Tender Opening Event (TOE)". Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. For this purpose, representatives of bidders (i.e. Supplier organization) duly authorized are requested to carry a Laptop and Wireless Connectivity to Internet.
- ii. Every legal requirement for a transparent and secure "Public Online Tender Opening Event (TOE) has been implemented on ETS. As soon as a Bid is decrypted with the corresponding Pass-Phrase as submitted online by the bidder himself (during the TOE itself), salient points of the Bids are simultaneously made available for downloading by all participating bidders. The tedium of taking notes during a manual Tender Opening Event is therefore replaced with this superior and convenient form of Public Online Tender Opening Event (TOE).
- iii. ETS has a unique facility of "Online Comparison Chart" which is dynamically updated as each online bid is opened. The format of the chart is based on inputs provided by the Buyer for each Tender. The information in the Comparison Chart is based on the data submitted by the Bidders. A detailed Technical and/ or Financial Comparison Chart enhances Transparency. Detailed instructions are given on relevant screens.
- iv. ETS has a unique facility of a detailed report titled "Minutes of Online Tender Opening Event (TOE)" covering all important activities of "Online Tender Opening Event (TOE)". This is available to all participating bidders for "Viewing/ Downloading". There are many more facilities and features on ETS.

For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

v. For further instructions, the vendor should visit the home -page of the e-Tender Portal (<u>https://www.tendewizard.com/BSNL</u>).

Important Note: It is strongly recommended that all bidders should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups, and minimize teething problems during the use of ETS.

- vi. The following "FOUR KEY INSTRUCTIONS FOR BIDDERS" must be assiduously adhered to:
 - 1) Obtain individual Digital Signing Certificate (DSC or DC) well in advance of your first tender submission deadline on ETS.
 - 2) Register your organization on ETS well in advance of your first tender submission deadline on ETS.
 - 3) Get your organization's concerned executives trained on ETS well in advance of your first tender submission deadline on ETS.
 - 4) Submit your bids well in advance of tender submission deadline on ETS. There could be last minute problems due to internet timeout, breakdown, et al. While the first three instructions mentioned above are especially relevant to first-time users of ETS, the fourth instruction is relevant at all times.
- vii. Minimum Requirements at Bidders' end to access and use e-Tender Portal: Computer System with good configuration (Min P IV, 1 GB RAM, Windows XP) Broadband connectivity. Microsoft Internet Explorer 6.0 or above Digital Certificate(s).
- viii. Helpdesk for Vendors :

Vendors may contact the M/s ITI Limited Helpdesk personnel, for any type of assistance/help, which they may require while uploading the bids.

- 20. OTHER CONDITIONS:
 - a. The contractor shall not assign or sublet the work to any other person or agency without the prior written approval of TDM Baripada.
 - b. The TDM,BSNL, Baripada reserves the right to impose any other conditions, if necessary, at any time during the validity period of the tender.
 - c. If the contractor fails to carry out work with the expected speed and standard the contract will be terminated and no further work will be awarded.
 - d. BSNL will not be responsible for any loss incurred by the contractor in carrying out the contract work.
 - e. Taxes will be recovered as per rules as applicable from time to time.
 - f. The General Manger Telecom District BSNL, Baripada reserves every right to cancel / reject the contract for any work / all works if found unsatisfactory at any time during the validity period of contract without assigning any reason but giving at least 15 (Fifteen) day advance notices.
 - g. The TELECOM DISTRICT MANAGER , BARIPADA-757001 BSNL, Baripada reserves the right to go for more

than one contractor in order to meet the time schedule for completion of works or otherwise for a specified category of work as deemed fit in the interest of the BSNL, Baripada. His decision in this respect will be final and binding on all concerned.

h. In case the L1 bidder fails to execute the work at any stage of the contract, the L2 bidder on approved L1 rates, may be asked to complete the work as per the discretion and decision of TDM, BSNL, Baripada. However, the Performance Security Deposit (EMD) of the defaulted contractor will be forfeited and he may be black listed.

SECTION- VII

SPECIAL CONDITIONS OF CONTRACT

1. GENERAL

The work shall be accepted only after Acceptance Testing carried out by the A/T party.

1.2 The department reserves the right to disqualify such bidders who have a record of not meeting contractual obligations against earlier contracts entered into with the department.

The department reserves the right to black list a bidder for a suitable period in case he fails to honour his bid without sufficient grounds.

The department reserves the right to counter offer price(s) against price(s) quoted by any bidder. Any clarification issued by department in response to query raised by prospective bidders shall form an integral part of bid documents and it may be treated as an amendment to the bid documents.

Tender will be evaluated as a single package of all the items given in the price schedule.

All work to be executed under the contract shall be executed under the direction of the AGM or SDO/SDE in-charge of work site.

The work in each section/Zone may be split up between two or more contractor if considered

expedient by the TDM,BSNL, Baripada. TDM,BSNL, Baripada under his discretion reserves the right to appoint more than one contractor for a single zone/section. However such allotment of a portion of any zone/section will not be treated as a bar for his entitlement for "not more than two zones" as defined under Note-2 under Section-III.

If the contractor desires an extension of time for completion of the work on the grounds of

unavoidable hindrance in execution of work or on any other ground he shall apply in writing to SDO within 3 days of the date of hindrance on account of which he desires such extension as aforesaid. In this regard the decision of TDM,BSNL, Baripada shall be final.

If at any time after the commencement of the work, the department may feel that execution of whole or part of work, as specified in the tender is not required to be carried out, then the department shall give notice in writing to the contractors who shall have no claim to any payment of compensation by reason of any alterations having been made in the original specifications, drawings, designs and instructions which shall involve any curtailment of the works as originally contemplated.

Whenever any claims against the contractor for the payment of a sum of money arises out of or under the contract, the Department shall be entitled to recover such sum in part or whole from the security deposit of the contractor or running/final bill pending against any contract with the department. In the event of the security being insufficient, then the balance or the total sum recoverable, shall be deducted from any sum then due or which at any time there after may become due to the contractor under this or any other contract with department. Should this sum be not sufficient to cover the full amount recoverable, the contractor shall pay to department on demand the balance remaining due.

No official of Gazetted rank or other Gazetted officer employed in Engineering or administrative duties in an Engineering department or any other department of the Government of India is allowed to work as

contractor for a period of two years after his retirement from Government service without the revious permission of Government of India. This contract is liable to be cancelled if either the contractor or any of

his employees is found at any time to be such a person who had not obtained the permission of

Government of India as aforesaid before submission of the engagement in the contractor's service as the case may be.

In the event of the contractor being, adjudged insolvent or going voluntarily into liquidation of having received order or other order under insolvency act made against him or in the event of the contractor failing to comply with any of the conditions herein specified, the TDM,BSNL, Baripada shall have the power to terminate the contract without any notice.

Without prejudice to any of the rights or remedies under this contract, if the contractor dies, the TDM,BSNL, Baripada on behalf of the CMD BSNL can terminate the contract without compensation to the contractor. However TDM Baripada at his discretion may permit contractor's heirs to perform the duties or engagements of the contractor under the contract, in case of his death. In this regard the decision of TDM,BSNL, Baripada shall be final.

Interpretation of the contract document.

1.15.1 The representative of TDM,BSNL, Baripada and the contractor shall in so far as possible by mutual consultation, try to decide upon the meaning and intent of the contract document. In case of disagreement the matter shall be referred to TDM,BSNL, Baripada whose decision shall be final.

Shut down on account of weather conditions.

1.16.1 The contractor shall not be entitled to any compensation if the whole or any part of the work is suspended due to bad weather conditions or other force majeure conditions.

2. STORE SUPPLIED BY THE DEPARTMENT

At no point of time the contractor shall be issued stores of value more than the contractor's material

security.

The contractor shall transport (including loading and unloading) all stores issued to him from District Telecom Store Depot, to site of work at his own cost. The department shall not pay any transportation charges to the contractor.

All materials supplied to the contractor by the department shall remain the absolute property of department and shall not be removed from site of the work except for use in the work and shall be at all times open to inspection by the Representative of TDM,BSNL, Baripada. Any such materials remaining unused at the time of the abandonment completion or determination of the contract shall be returned to the department, failing which the cost of the unused materials shall be deducted from the contractor's materials security or any of his pending bills.

The contractor shall be responsible for the transportation of store, storage and safe custody of all materials supplied to him by the department, which in the contractor's custody whether, or not installed in the work.

The contractor shall submit a proper account every month of all the materials supplied to him by the department and those consumed for items of work. Any discrepancy or difference between the materials issued to the contractor and those consumed in the work as per the "Department's calculation" which shall be final) will be charged to the contractor or deducted from his bills at 1.5 times of prevailing standard price including freight, handling charges etc.

The contractor shall ensure that only the required materials are issued to him. After completion of work, the contractor shall return any unused materials that were supplied by the department.

3. EASEMENTS, PERMIT, LICENCES AND OTHER FACILITIES

3.1 The contractor shall obtain/provide at his own cost all easement, permits and licence necessary to do its work except for the following which shall be provided by the Representative of the TDM,BSNL, Baripada. Right of User easements and permits, Railway and Highway crossing permits, including bridge. Canal/stream crossings permits.

3.2 The contractor shall be fully responsible obtaining all necessary easements, permits and license for moving all construction equipment, tools supplied materials and men across Railways and Highways, across public or private road as well as premises of any public utility within the right of user and for bearing all costs that may be incurred in respect of the same.

3.3 The contractor will not be entitled to extra compensation for hardship and increase in cost by the cable trench being routed adjacent to or across other pipeline, Highways, Railways, Telephone poles and wires or guy wires, embankments, cliffs streams or other obstacles which may, in any manner, restrict or limit the use of the construction "Right of User".

3.4 A location where the U/G cable trench is routed across or along railways or roads the contractor shall without extra cost provide and maintain such detours and road controls as are required by the Railways Department or local agencies having jurisdiction.

3.5 If the department is not able to provide above mentioned permits etc. in time then the extension of time limit shall be provided as per EOT clause given in tender document.

4. Quality of works

The department shall be the final judge of the quality of the work. The representative of TDM,BSNL Baripada has the right to prohibit the use of men and any tools, materials and equipment which in his opinion do not produce work or performance to meet the requirement of the contract documents.

5. TAXES AND DUTIES:

5.1 Contractor shall pay all rates, levies, fees, royalties, taxes and duties payable or arising from/ out of, by virtue of, or in connection with the contract. GST will be paid to the contractor as per Govt. of India norms.

6. PROTECTION OF LIFE AND PROPERTY AND EXISTING FACILITIES

6.1 The contractor is fully responsible for taking all possible safety precaution during preparation and actual performance of the works and for keeping the construction site in a reasonable safe condition. The contractor shall protect all life and property from damage or losses resulting from his construction operations and shall minimize the disturbance and inconvenience to the public

6.2 If the excavation of trench alters the contours of the ground around road and highway crossing in such location dangerous to traffic, the contractor shall at his own cost, take all necessary precautions to protect public and shall place warning boards (Minimum size $3' \times 2'$), traffic signals, barricades, flags etc., at such location. If the contractor does not put the warning signal as per above directions then a penalty of Rs. 500/- per day shall be levied on the contractor till the directions are complied by the contractor.

6.3 The contractor shall take due precautions to avoid damages to other pipe lines, water mains, sewers, telephones, telegraphs and power conduits, laid wires & poles, guy wires, railways, highways, bridges or other underground or above ground structure and/or property crossing or adjacent to the cable trench being

excavated.

6.4 Attention of the contractor is drawn to the rules regarding laying of cables at road crossing, along Railways, Bridge, Highways, and safety precautions while working in Public Street. The contractor in writing shall obtain the detailed engineering instructions from the AGM of the area.

6.5 The contractor shall be solely responsible for location through approved non destructive means and ensuring the safety of all existing underground pipe line, electrical cables, and or other structures.

6.6 The contractor shall be solely liable for all expense for and in respect of repairs for damage occasioned

by injury of/damage to such underground structures or other properties and undertake to indemnify the department form the against all action. The current market value of any commodities lost as a result of any damage to the aforesaid existing facilities shall be paid by the contractor together with such additional sums necessary to liquidate the personal property damages, resulting there from.

7. LABOUR WELFARE MEASURES AND WORKMAN COMPENSATION:

7.1 Obtaining Licence before commencement of work from State Govt/Govt. of India labour office. The contractor shall obtain a valid labour licence under the Contract Labour (R&A) Act 1970 and the contract Labour (Regulation and Abolition) Central Rules 1971, before commencement of the work, and continue to have a valid licence until the completion of work. The contractor shall also abide by the provision of the Child Labour (Prohibition and Regulation) Act 1986. Any failure to fulfil this requirement shall attract the penal provisions of this contract arising out of the resultant non-execution of work.

Contractor Labour Regulations:

Working Hours

Normally working hours of an employee should not exceed 9 hours a day. The working day shall be so arranged that inclusive of interval for rest, if any, it shall not spread over more than 12 hours on any day.

When a worker is made to work for more than 9 hours on any day or for more than 48 hours in any week he shall be paid over time for the extra hours put in by him.

Every worker shall be given a weekly holiday normally on a Sunday, in accordance with provisions of minimum wages (Central) Rules 1960, as amended form time to time.

Where the minimum wages prescribed by the department, under the minimum wages act, are not inclusive of the wages for the weekly day or rest, the worker shall be entitled to rest day wages, at the rate applicable to the next proceeding day, provided he has worked under the same contractor for a continuous period of not less than 6 days.

Where a contractor is permitted by the Engineer-in-charge to allow a worker to work on a normally weekly holiday, he shall grant a substituted holiday to him for the whole day, on one of the five days.

Display of Notice Regarding wages etc.

The contractor shall, before the commence his work on contract, display and correctly maintain and continue to do so, in a clear and legible condition in conspicuous places on the work, notices in English and in local Indian languages spoken by the majority of the workers, giving the minimum rates of the wages fixed under minimum wages Act, the actual wages being paid, the hours of work for which such wage are earned, wages periods, date of payment of wages and other relevant information.

Payment of wages:-

The contractor shall fix wages period in respect of which wages shall be payable.

No wage period shall exceed one month.

The wages of every person employed as contract labour in an establishment or by a contractor, shall be paid before the expiry of seventh day.

Where the employment of any worker is terminated by or on behalf of the contractor, the wages earned by him shall be paid before the expiry of the second working day from the date on which his employment is terminated.

All payment of wages shall be made on a working day at the work premises during the working time and on a date notified in advance. Final payment shall be made within 48 hours of the last working day.

Wages due to every worker shall be paid to him direct or to other person authorised by him in this behalf.

All wages shall be paid in current coin or currency or in both.

All wages shall be paid without any deductions of any kind except those specified by the Central Government by general or special order in this behalf or permissible under the payment of wages Act 1956.

A notice showing the wages period and the place and time to disbursement of wages shall be displayed at the place of work and a copy sent by the contractor to the Engineer-in-charge under acknowledgement.

It shall be the duty of the contractor to ensure the disbursement of wages in presence of the site Engineer or any other authorised representative of the Engineer-in-charge.

The contractor shall obtain form the site Engineer i.e. SDO/SDE/JTO a certificate under his signature at the end of the entries in the "Register of Wages" or the Wage-cum-Muster Roll, in the following form.

The payment to workers may be made in the presence of authorised representative of BSNL who must certify at the end of entries of wage register.

Fines and deductions which may be made from wages:-

The wages of a worker shall be paid to him without any deduction of any kind except the following:-

a. Fines.

b. Deduction for absence from duty. The amount of deduction shall be in, proportion to the period for which he was absent.

c. Deductions for damage to or loss of goods expressly entrusted to the employed person for custody where such damage or loss in directly attributable to his neglect or default.

d. Deduction for recovery of advances or for adjustment of overpayment of wages.

e. Any other deduction, which the Central Government may allow from time to time.

No fine shall be imposed on a worker and no deduction for damage or loss shall be made from his wages until the worker has been given an opportunity of showing cause against such fines or deductions.

Labour records:-

7.2.5.1 The contractor shall maintain Register of persons employed on work on contract in Form XIII of the contain Labour (R&A) Central Rules 1971.

The contractor shall maintain a Muster Roll register in respect of all workmen employed by him on the work under Contract in Form XVI of the CL (R&A) Rule 1971.

The contractor shall maintain a Wage Register in respect of all workmen employed by him on the work under contract in Form XVII of the CL (R&A) 1971.

Payment of contract labourer by the contractor to be carried out as per the rate of State Govt/Central Govt.

The contract labour engaged by the contractor may be covered by ESI and EPF scheme by the contractor himself as per rule.

The contractor will issue employment cards of engaged contract labourers.

Register of accidents:- The contractor shall maintain a register of accidents at the work place and the same shall include the following particulars.

- I. Full particulars of the labourers who met with accident.
- II. Rate of wages.
- III. Sex
- IV. Age
- V. Nature of accident and cause of accident.
- VI. Time and date of accident.
- VII. Date and time when admitted in hospital
- VIII. Date of discharge from the hospital.
- IX. Period of treatment and result of treatment

X. Percentage of loss of earning capacity and disability as assessed by medical officer.

- XI. Claim requited to be paid under workmen's compensation Act.
- XII. Date of payment of compensation.

XIII. Amount paid with details of the person to whom the same was paid. XIV. Authority by whom the compensation was assessed.

XV. Remarks

The contractor shall maintain a register of fines in the Form XII of the cCL (R&A) Rules 1971. The contractor shall display in a good conditions and in conspicuous place of work the approved list of acts and omission for which fines can be imposed.

The contractor shall maintain a Register of deductions for damage or loss in Form XX of the CL (R&A) Rules 1971.

The contractor shall maintain a Register of Advances in Form XXII of the CL (R&A) Rule 1971 7.2.5.11The contractor shall maintain a Register of overtime in Form XXIII of the CL (R&A) Rule 1971

Attendance card-cum wage slip:-

The contractor shall issue an attendance card cum wage slip to each workman employed by him.

The card shall be valid for each wage period.

The contractor shall mark the attendance of each workman on the card twice each day.

The card shall remain in possession of (the worker during the wage period under reference)

The contractor shall complete the wage slip portion on the reverse of the card at least a day prior to the disbursement of wages.

The contractor shall obtain the signature or thump impression of the worker on the wage slip at the time of disbursement of wages and retain the card with him.

his

Employment card:-

The contractor shall issue an Employment card in their Form XIV of CL (R&A) Central Rules 1971 (each worker within three days of the employment of the worker).

Service certificate;-

On termination of employment for any reason whatsoever the contractor shall issue to the workmen who are services have been terminated, a service certificate in the Form XV of the CL R&A) Central Rules 1971.

Preservation of labour records:-

The labour records aid records of fines and deductions shall be preserved in original for a period of three years from the date of last entries made in them and shall be made available for inspection by the Engineer-in-charge or labour officer or any other officers of the department.

7.3. Power of labour officer to make investigations or enquiry:-

The labour officer or any person authorised by the Central Government on their behalf shall have power to make enquiries with a view to ascertaining and enforcing due and proper observance of fair wage clauses and provisions of those regulation. He shall investigate into any complaint regarding the default made by the contractor in regard to such provision.

7.4 Report of investigating officer and action thereon.:- The labour officer or other persons authorised as aforesaid shall submit a report of result of his investigation or enquiry to the Engineer-in-charge indicating the extent, if any, to which the default has been committed with a note that necessary deductions from the contractor's bill be made and the wages and other dues be paid to (the labourers concerned. The Engineer-in-charge shall arrange a payment to the labour concerned within 45 days from the receipt of

the report from the labour Officer or the authorised officer as the case may be. 7.5 Inspection of Hooks and Slip:-

The contractor shall allow inspection of all the prescribed labour records to any of his workers or to agent at a convenient time and place after due notice is received or to the labour officer or any other person, authorised by the Central Government on his behalf.

7.6.1 Submission of Returns:-

The contractor shall submit periodically returns as may specified from time to time.

7.7 Amendments;-

The central Government may time to time add to or amend the regulations and on any questions as to the applications interpretation or effect of those regulations.

8. INSURANCE :

Without limiting any of his other obligations or liabilities, the contractor shall, at his own expense, take and keep comprehensive insurance including third party risk for the plant, machinery men materials etc. bought out the site and all the work during the execution. The contractor shall also take out workmen's compensations insurance as required by law and under take to indemnify and keep indemnified the department from and against all manner of claims and demands and losses and damages & expenses that may arise in regard the same. The contractor shall have to furnish originals of the policies of insurance taken/within 15 (fifteen) days of being called upon to do so together with all premium receipts and other papers related thereto which the department may required.

9. COMPLIANCE WITH LAWS AND REGULATION:

During the performance of the works the contractor shall at his own cost and initiative fully comply with all applicable laws of the land with any and all applicable by-laws, rules, regulations etc. the contractor shall assume full responsibility for the payment of all contributions and pay roll taxes, as to his employee, servants or agents engaged in the performance of the work specified in the contractor documents.

10. TOOLS AND PLANTS:

The contractor shall provide at his own cost all tools, plants appliance, implements etc. required for proper execution of works. The contractor shall also supply without charge the requisite number of persons with the means and materials necessary for the purpose of setting out works, counting and assisting the measurements for examination at any time and from time to time. The contractor shall be responsible to make all arrangements, at his own cost for de-watering of trenches before carrying out the work. The contractor shall also be responsible to make arrangement, at his own cost, for water required for carrying of works at sites including curing of RCC works. Failing his so doing the same may be provided by the Engineer-in-charge at the expense of the contractor and the expenses shall be deducted from any money due to the contractor under this contract or otherwise.

SECTION-VIII

Тο

The Telecom District Manager, BSNL BARIPADA TELECOM DISTRICT, BARIPADA

Sub. : Our Financial Bid for Laying UG cable and associated works in Baripada SSA.

Ref.: Tender No: W-40(A)/2018-19/02 dtd 23.05.2018

Dear Sir,

Having examined the tender documents, terms and conditions stipulated therein, specifications of work etc, and **paid EMD**, we, the undersigned, offer to execute the, Laying of U/G cable and associated works in Baripada SSA in conformity with the said specifications and conditions of contract at the percentage (Below/at par/above) on standard schedule of rates quoted as under;

Zone No: _____Name of SDCA: _____

Financial Bid				
w.r.to Section VI of standard scheduled rates (Basic Rate)	Quotation			
BELOW	In figures%			
	In words Per cent			
OR				
AT PAR	In figures%			
	In words Per cent			
OR				
ABOVE	In figures%			
	In words Per cent			

RATE<u>S ARE INCLUSIVE OF ALL TAXES AND LEVIES AND EXCLUDING GST AT THE GOVT.</u> PREVAILING RATES WHEREEVER APPLICABLE

If our Bid is accepted, we shall submit the securities as per the conditions mentioned in the contract.

We agree to abide by this Bid for a period of 150 days from the date opening of financial bid and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

Dated/...../

SECTION-IX

CHECK LIST OF DOCUMENTS

The following documents (scanned copy) are required to be submitted through e-Tender Portal

Sl	Description	Reference	Remarks (Yes (Y), No (N),		
No.	Not Applicable (NA) (J)				
	Tick whichever is				
	applicable)				
	Self-Attested Photo copy of the following		У	Ν	NA
1	Scanned copies of all pages of Tender	Whole			
	document signed by the tenderer or	Tender			
	Authorised Person on all pages along with	Document			
	seal				
	Firm registration certificate as mentioned in				
2	clause 5(a) of Section 1(A)				
•	GST registration number (GSTIN				
3	Number)with latest return				
	Experience certificate as per clause 4(a),				
4	of Section 1(A)				
	EPF registration number with latest				
-	deposit challan				
5					
6	ESIC registration number with latest				
U	deposit challan				
7	Valid Labour license issued from Central				
	Labour office or undertaking to submit the				
	same within two months				
8	PAN Card with latest return,				
9	Solvency certificate of minimum Rs.			I T	
	2,00,000.00 for each zone from any				
	Nationalized Bank, issued after				
	publication of NIT				
10	Contractor license issued from PWD/				
	Irrigation authority				
11	Receipt of online banking/RTGS/NEFT			Ι Τ	
	towards cost of Tender Paper and EMD				
12	Original "Power of Attorney" if applicable				

Sl No.	Description	Reference	
13	Self-Attested copy of the Check list duly filled in	Section-VII	
14	Self-Attested copy of Declaration of Non - tampering of tender document duly filled and signed.	Section-VIII Annexure-B	
15	Self-Attested copy of Clause by clause compliance duly filled and signed.	Section-VIII Annexure-C	
16	No near relative certificate duly filled in and signed	Section-VIII Annexure-D	
17	Self-Attested copy of Declaration for Downloading the tender Document	Section-VIII Annexure-E	
18	Scanned copy of Letter of Authorization to Tender Opening Event (TOE)	Section-VIII Annexure-G	
19	Self-Attested copy of the Integrity Pact duly filled and signed	Section-VIII Annexure-H	
20	Tenderer's profile duly filled in	Section-VIII Annexure-I	
21	Mandate form for transfer of payment.	Section-VIII Annexure-J	
22	Self-Attested copy of Bid form duly filled and signed	Section-VIII Annexure-K	
23	Undertaking regarding genuineness of the documents/information submitted	Section-VIII Annexure-L	

The bidder has also to ensure if he has filled the quoted price for the zone applied for, in excel format in the appropriate place of the e-tender portal.

SECTION-X

LIST OF ALL TYPE OF FORMATS FOR DECLARATIONS, UNDERTAKINGS, AGREEMENTS AND CERTIFICATES

SI	Format Name
No	
1	ANNEXURE-A: AGREEMENT (Sample Format)
2	ANNEXURE-B: DECLARATION OF NON TAMPERING OF TENDER
	DOCUMENT
3	ANNEXURE-C: DECLARATION OF CLAUSE BY CLAUSE COMPLIANCE
4	ANNEXURE-D: NO NEAR RELATIVES CERTIFICATE IN BSNL
5	ANNEXURE-E: DECLARATION FOR DOWNLOADING THE TENDER
	DOCUMENT.
6	ANNEXURE-F: PROFORMA FOR PERFORMANCE BANK GUARANTEE
7	ANNEXURE-G: LETTER OF AUTHORISATION FOR ATTENDING BID
	OPENING
8	ANNEXURE-H: INTEGRITY PACT
9	ANNEXURE-I: TENDERER'S PROFILE
10	ANNEXURE-J: MANDATE FORM FOR TRANSFER OF PAYMENT THROUGH
	ELECTRONIC CLEARANCE / ELECTRONIC FUND TRANSFER
11	ANNEXURE-K: BID FORM
12	ANNEXURE-L:UNDERTAKING REGARDING GENUINENESS OF THE
	DOCUMENTS/INFORMATION SUBMITTED

ANNEXURE-A				
AGREEMENT				
The agreement made on the	day of	(month)	(year)	
between M/s			h	erein
after called "The Contract" of the one part & the TDM, BSNL, Baripada	the other	part.		
Whereas the contractor has offered to enter into contract execution of laying of UG cable & associated work in Baripada SS contained and the rates approved by the BSNL (copy of rates annex as the necessary security deposits have been furnished in accord document and whereas no interest will be claimed on the security deposite	A, on ot (ed) have (dance wi	her terms o been duly	and conditions h accepted and w	erein vhere
Now these represent witness and it is hereby agreed and declare presents as follows. i. The contract shall during the period of this contract that is to so or completion of work whichever is earlier or until this contract so hereinafter mentioned, safely carryout, by means of labours employe tools, implements, and equipment etc. to be supplied by him to his cable & associated work as described in tender document/persons behalf required. It is understood by the contractor that the quant likely to change as per actual requirements as demanded by exigencies i. The NIT (Notice Inviting Tender) bid documents, (qualifying and rates annexed hereto and such other additional particulars, instruction requisite to be given during execution for the work shall be deemed contract and shall be deemed to be included in the repression "The	ay from hall be c labour s authorise ity of wa of service l financial d drawing	determined own expense at his own ed by TDM,B ork mentione e. 1), letter of i s work order	to by such notice and by mean n expenses, all SSNL, Baripada in d on the schedu ntent, approved rs as may be fou	as is s of I UG that ule is nd
herein used. ii. The contracts shall also supply the requisite number of workm tools, appliances, machines implements, vehicles for transportation car	en with me	ans and	materials as w	vell as

execution work within the time prescribed in the work orders. with or in the employment of the BSNL is iii. The contractor hereby declares that no body connected not/shall not ever be admitted as partner in the contract.

The contractor shall abide by the terms and conditions rules guidelines construction practises, safety iv. precautions, etc. stipulated in the tender document including any correspondence between the contractor and the department having bearing on execution of work and payment of work to be done under the contract.

The contractor shall maintain a Muster Roll register in respect of all workmen employed by him on the ۷. work under Contract in Form XVI of the CL (R&A) Rule 1971.

vi. Go Payment of contract labourer by the contractor to be carried out as per the rate of State Govt/Central vt.

vii. The contract labour engaged by the contractor may be covered by ESI and EPF scheme by the contractor himself as per rule.

The contractor will issue employment cards of engaged contract labourers. viii. X

The payment to workers may be made in the presence of authorised representative of BSNL who must certify at the end of entries of wage register.

In witness whereof the parties presents have hereinto set their respective hands and seals the day and year in _ . Above written

> Signed, sealed & delivered by the Above named contractor in the presence of

Signed, sealed & delivered by BSNL authority in the presence of

Witness

1.

1.

<u>Witness</u>

2.

<u>Witness</u>

<u>Witness</u>

2.

ANNEXURE-B

Declaration of Non tampering of tender document

I, Sri/Smt/M/s ______(authorized signatory) hereby declare that the tender document submitted has been downloaded from the website "http://www.orissa.bsnl.co.in" or www.tenderwizard.com/BSNL and I have checked up that no page is missing and all pages as per the index are available and no addition/deletion/correction/tampering has been made in the tender document. In case at any stage, it is found that any addition / deletion / correction has been made, BSNL shall have the absolute right to take any action as deemed fit, without any prior intimation to me.

Place:_____

Date:

Signatory

Signature of bidder/Authorized

Name of the _____

Seal of the bidder: _____

ANNEXURE-C

DECLARATION OF CLAUSE BY CLAUSE COMPLIANCE

I_____(authorized signatory) hereby declare that I shall comply with all the terms and conditions of the tender documents as out lined in all the clauses unconditionally.

Place :______Signature of the Tenderer _____

Date:_____ Name of the Tenderer _____

ANNEXURE-D

NO NEAR RELATIVES CERTIFICATE IN BSNL

[Certificate to be given by the contractor in respect of no near relative (s) in BSNL of the contractor] DECLARATION

I/We	S/o
	Resident of

hereby certify that none of my near relative(s) as defined in the tender document is/are employed any where in BSNL as per details given in tender document. In case at any stage, it is found that the information given by me is false/incorrect, BSNL shall have the absolute right to take any action as deemed fit, without any prior intimation to me.

Signature of the

bidder_____

Name: _____

Note: T<u>he near relatives for this purpose are defined as :</u>

- A. Members of a 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) and son's Wife (Daughter-in-law). Daughter(s) and daughter's husband (Son-in-law), Brother(s) and brother's wife, sister(s) and sister's husband (Brother-in-law).

Note: In case of proprietorship firm, certificate will be given by the proprietor, for partnership firm, certificate will be given by all the partners and in case of Private Ltd. Company, by all the directors of the company.

Signature of the

bidder_____

Name :_____

(Capacity in which signing)

Place: Date:

Read, understood, complied & agreed

Signature & seal of bidder with Date

ANNEXURE-E

Declaration for Downloading the tender Document.

Ι,____

Date:______Signature of Tenderer ______

Place:

Name of Tenderer_____ (Along with date & Seal)

ANNEXURE-F

BANK GUARANTEE (BOND FORM) FOR MATERIAL SECURITY

Ι,	whereas(hereinafter called
"the Contractor") has been awarded the contract of UG cable laying	both construction & Maintenance work, as
per tender number KNOW ALL ME	N by these presents that
WEOFOF	these presents that WE
OF having our registered office at	(hereinafter called the
banker of "the Contractor") are bound unto (hereinafter called	"the Department") in the sum of For
which payment will and truly to be made of the said Department, the Bo	ank binds itself, its successors and
assigns by these presents.	

THE CONDITIONS of the obligation are:

1. If the contractor is unable to keep stores issued to him, properly, i.e. the store provided to ontractor, by the BSNL are damaged or

2. The stores issued to the contractor or by the BSNL are stolen or

3. The Contractor is not able to provide proper account of the stores issued to him/her/them by the Department.

We undertake to pay to the BSNL up to the above amount upon receipt of its first written demand without the BSNL having to substantiate its demand, provided that in its demand, the BSNL will note that the amount claimed by it is due to its owing to the occurrence of one or two or all of three conditions specifying the occurred condition or conditions.

This guarantee will remain in force up to and including Date...... and any demand in respect thereof should reach the Bank not later than the above date.

Signature of the Bank

Signature of the Witness

Name of Witness

Address of Witness

ANNEXURE-G

LETTER OF AUTHORISATION FOR ATTENDING BID OPENING (To reach on or before date of bid opening)

То

The AGM (Admin & Plg) O/o TDM,BSNL, Baripada

Sub: Authorization for attending bid opening on _____ (date) in the Tender for laying UG cable & associated work in Baripada SSA.

Following persons are hereby authorized to attend the bid opening for the tender mentioned above on behalf of ______ (Bidder) in order of reference given below

Order of Preference	Name	Specimen Signature
I		
п		

Alternate Representative _____

Signature of bidder Or Officer authorized to sign the bid Documents on behalf of the bidder

Note:

1 Maximum of one representative will be permitted to attend bid opening. In cases where it is restricted to one, first preference will be allowed. Alternate representative will be permitted when regular representatives are not able to attend.

2 Permission for entry to the hall where bids are opened may be refused in case authorization as prescribed above is not received.

ANNEXURE-H

INTEGRITY PACT

Between

The Principal intends to award, under laid down organizational procedures, contract/s for The Principal values full compliance with all relevant laws and regulations, and the principals of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the principal will appoint an Independent External Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above. Section 1- Commitments of the principal

(1) The principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

(a). No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.

(b). The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

(c). The Principal will exclude from the process all known prejudiced person.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions

Section 2- Commitments of the Bidder(s)/Contractor(s)

(1) The Bidder(s)/Contractor(s) commit itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

(a). The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer Promise or give to any of the principal's employees involved in the tender process or the execution of the contract or to any third person any material benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

(b). The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, subsidiary contracts, submission, or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

(c). The Bidder(s)/Contractor(s) will not commit any offence under the relevant Anti-corruption Laws of India, further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

(d). The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payment he has made, is committed to or intends to make agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outline above or be an

accessory to such offences.

Section 3- Disqualification from tender process and exclusion from future contracts If the Bidder(s)/ Contractor(s), before contract award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the defined procedure.

Section 4-Compensation for Damages

(i). If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled is entitled to demand and recover the damaged equivalent to Earnest Money Deposit/Bid Security.

(ii). If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, or if the Principal shall be entitled to demand and recover from the Contractor the amount equivalent to Security Deposit/ Materaial Bank Guarantee in addition to any other penalties/recoveries as per terms and conditions of the tender.

Section 5- Previous transgression

(i). The Bidder declares that no previous transgression occurred in the last 3 years with any other company in any country conforming to the Anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

(ii). If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the defined procedure.

Section 6- Equal treatment of all Bidders/ Contractors/ Subcontractors

(i). The Principal will enter into agreements with identical conditions as this one with all Bidders/ Contractors.

(ii). The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact.

(iii). The Principal will disqualify from tender process all bidders who do not sign this pact or violate its provisions.

Section 7- Criminal charges against violating Bidder(s) /Contractor(s)/ Subcontractor(s)

If the Principal obtains knowledge of conduct of Bidder, Contractor, a Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor, Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Corporate Vigilance Office.

Section 8- External Independent Monitor/ Monitors

1. Principal appoints competent and credible Independent External Monitor for this pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligation under this agreement.

2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD of the BSNL.

3. The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all project documentation of the Principal including that provided by the contractor. The contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors.

The Monitor is under contractual obligation to treat the information and documents of the Bidder(s) /Contractor(s)/ Subcontractor(s) with confidentiality.

Notwithstanding anything contained in the Section, the Bidder(s) /Contractor(s) shall have no obligation whatsoever to provide any internal costing mechanisms or any internal financial or commercial data pursuant to any audit or review conducted by or on behalf of the Principal. Further, the Bidder(s) /Contractor(s) shall not be required to provide any data relating to its other customer, or any personnel or employee related data.

4. The Principal will provide to the Monitor sufficient information about all meeting among the parties Read, understood, complied & agreed related to the project provided such meeting could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meeting.

5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties they act in a specific manner, refrain from action or tolerate action.

6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and should the occasion arise, submit proposals for correcting problematic situations.

7. If the Monitor has reported to the CMD of the BSNL, a substantiated suspicion of an offence under relevant Anti-corruption Laws of India, and the BSNL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the corporate Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8. The word 'Monitor' would include both singular and plural

Section 9- Pact Duration.

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by CMD, BSNL. Section 10- Other Provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi. The arbitration clause provided in the tender document/ contract shall not be applicable for any issue / dispute arising under Integrity Pact.

2. Changes and supplements as well as termination notices need to be made in writing.

3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intensions.

For the Bidder/Contractor

Place.....

For the Principal

Witness 1:

Date.....

Witness 2:

	ANNEXURE-I
	TENDERER'S PROFILE
General:-	
2. Name of the case	e tenderer/firm he person submitting the tender Shri/Smt of proprietary/partnership firms, the tender has to be signed by proprietor/Partner
only, as the cas	
3. Address of	the firm/tenderer: (Present & Permanent)
4. Email ID	
5. Tel No. (with	STD code) (O) (Fax) (R) (M)
6. Registration	a & incorporation particulars of the firm (in case of firms)
i)	Proprietorship
ii)	Partnership
iii)	Private Limited
iv)	Public Limited
	attested copies of documents of registration/incorporation of your firm with the competent quired by business law)
7. Name of pro	oprietor/Partners/Directors
8. Tenderer's	bank, its address and his current account number
9. Permanent I	ncome Tax number, Income Tax Circle
10. Infrastruct	ure capabilities.
11. Details of 7	echnical and supervisory staff:
12. VAT No. (TI	IN No.)
13. EPF Code N	0.
14. ESI registro	ation No.

I/We hereby declare that the information furnished above is true and correct.

Place & Date:-

Signature of tenderer/authorized signatory Name of the tenderer

ANNEXURE-J

MANDATE FORM FOR TRANSFER OF PAYMENT THROUGH ELECTRONIC CLEARANCE / ELECTRONIC FUND TRANSFER

То

The Telecom District Manager , Baripada-753012

Sir,

Kindly pay any amount due to us to our Bank Account as detailed below either by Electronic Clearance/Electronic Fund Transfer mode and oblige.

SI#	Item	Details
1	NAME OF THE CONTRACTOR	
2	NAME OF THE BANK	
3	NAME OF THE BRANCH	
4	NATURE OF ACCOUNT CA/SB/CC	
5	ACCOUNT NUMBER	
6	BANK CODE (MICR CODE)	
7	BANK IFSC CODE	
8	ADDRESS OF BANK	

DATE:

SIGNATURE OF SUPPLIER/BIDDER

(TO BE FILLED IN BY THE BANK AUTHORITIES)

The information furnished above is correct as per our records.

SIGNATURE OF MANAGER

WITH BANK SEAL AND DATE

Tel No:_____Fax No:.....

Original copy signed by Bank Officer with seal to be submitted.

Read, understood, complied & agreed

Signature & seal of bidder with Date

ANNEXURE-K BID FORM

Τо

The Telecom District Manager Telecom District, Baripada-12

Bidder reference No. date

Dear Sir,

Having examined the conditions of contract and specifications including addenda No...... the receipt of which is hereby duly acknowledged, we, the undersigned, offer to carry out For laying UG cable & associated work in Baripada SSA, for Zone_____ in conformity with said conditions of contract and specifications as may be ascertained in accordance with the prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, we will execute the work in accordance with specification, time limits & terms and conditions stipulated in the tender document.

If our bid is accepted, we shall submit the securities as per the conditions mentioned in the contract.

We agree to abide by this bid for a period of 150 days from the date fixed for bid opening (Qualifying bid) and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

Until a formal agreement is prepared and executed, this bid together with your written acceptance thereof in your notification of award shall constitute a binding contract between us.

Bid submitted by us is properly sealed and prepared so as to prevent any subsequent alternation and replacement.

Date this day of (the year)

Signature of authorised signatory

In capacity of

Duly authorized to sign the bid for on behalf of Witness

Address

Signature

ANNEXURE-L

UNDERTAKING REGARDING GENUINENESS OF THE DOCUMENTS/INFORMATION SUBMITTED

I, Shri/SmtSon/Daughter of Shri do hereby undertake that all the documents / certificates submitted by me with this tender (tender For laying UG cable & associated work in Baripada SSA) are true and are exact copies of the original documents/certificates are available with me.

I further undertake that if at any time any information furnished in the documents / certificates submitted by me are found to be false, BSNL will have every right to take suitable action against me including forfeiture of my EMD/ Performance Security Deposit,

termination of my contact agreement and/or black-listing of my contract as deemed fit.

Place:

Signature of tenderer /Authorised signatory

Date:

Name & Seal of the tenderer

SECTION-XI

SCHEDULE OF RATES FOR LAYING UG CABLE AND ASSOCIATED WORKS IN BARIPADA SSA

SI No	Items of work	Unit	Standard Rate for the work (rounded to next rupee)
	For laying of 5 pair UG cable		
1	Excavation of trenches (30 cm width X 60 cm depth) including back filling compacting (after laying the cables) and removing excess earth from site for all type of soil.	Per meter	37.34
2	Laying of cable	Per meter	5.00
3	Concreting with 1:2:4 proportion for 10 cm X 10 cm (including digging earth portion)	Per meter	118.37
4	Cable jointing (5 pair to 5 pair and 10 pair)	Per Joint	138.60
	For laying of 10 pair and above UG cable		
5	Excavation of trenches (30 cm width X 1 m depth) including back filling compacting (after laying the cables) and removing excess earth from site for all type of soil.	Per meter	68.00
5.a	Laying of cable 10 pair upto 50 pair	Per meter	4.31
5.b	Laying of cable 100 pair and 200 pair	Per meter	7.18
5.c	Laying of cable 400 pair and 800 pair	Per meter	8.98
6	Concreting with 1:2:4 proportion for 15 cm X 15 cm (including digging earth portion)	Per meter	196.74
7	Jointing of cable		
7.a	Cable jointing 10 pair upto 20 pair	Per Joint	214.20
7.b	Cable jointing 50 pair upto 100 pair	Per Joint	256.20
7.c	Cable jointing 200 pair	Per Joint	369.60
7.d	Cable jointing 400 pair	Per Joint	453.60
7.e	Cable jointing 800 pair	Per Joint	579.60
8	Road cutting	Per meter	318.79

9	Road boring	Per meter	318.79
10	Construction of foundation and erection of pillar		
10.a	FORPILLAR UPTO 1000 PAIR -: Foundation of cabinet/pillar 600 mm high from the ground level with RCC mixture of 1:2:4 ratio keeping holes for drawing of cables on the front (including supply of material) and fixing of the cabinet/pillar on the foundation by using fixing bolts to be supplied by the bidder (the cabinet is to be transported from nearest exchange to the site by the tenderer)	Per pillar	7174.00
10.b	FOR 1600 AND 2000 PAIR PILLARS/ CABINETS-: Foundation of cabinet/pillar 600 mm high from the ground level with RCC mixture of 1:2:4 ratio keeping holes for drawing of cables on the front (including supply of material) and fixing of the cabinet/pillar on the foundation by using fixing bolts to be supplied by the bidder (the cabinet is to be transported from nearest exchange to the site by the tenderer)	Per pillar	7474.00
11	Termination of cable per CT box/Tag block	PerCT box/Tag block	126.00
12	DP erecting including painting and sign writing		
12.a	External (10 pr) with fitting of post	Per DP	245.74
12.b	External (10 pr) on existing post	Per DP	152.40
12.c	Internal (10 pr) without post, inserting cable in conduct PVC pipe and concreting on the wall.	Per DP	200.80
13	Recovery of UG cable by excavation and back filling of trench irrespective of depth for 10 pr & above cable	Per meter	53.85
14	Rehabilitation of Pillars including re-jumpering of Ctbox with its replacement if required. (Jumper wire and CT box will be supplied by Dept, but tools and testers will be arranged by the contractor.)		
14 -	Pillar 800 pair	N	400.00
14.a	Pillar 1000 pair	Per pillar	420.00
14.b 14.c	Pillar 2000 pair	Per pillar Per pillar	525.00 840.00
15	Painting and sign writing of pillars with one coat primer and		
15.a	Pillar 800 pair and 1000 pair	Per pillar	1120.00
15.b	Pillar 2000 pair	Per pillar	1425.00
16	Microtunelling/HDD	Per meter	350.00