

**BHARAT SANCHAR NIGAM LIMITED**  
(A GOVT. OF INDIA ENTERPRISE)  
**OFFICE OF THE SUB-DIVISIONAL ENGINEER (C),**  
**BSNL CIVIL SUB-DIVISION, BSNL COMPLEX, DHENKANAL-759001**

**State: Odisha**  
**Zone: Odisha Zone**

**Division: BSNL Civil Division, Cuttack**  
**Sub-Division: BSNL Civil Sub-Division, Dhenkanal**

**ITEM RATE TENDER**

**TENDER DOCUMENT (PART ONE)**

Tender for the work: **Provision of PVC water storage tank on the terrace of Admn Building, Dhenkanal under Dhenkanal Telecom District.**

**NIT No: 02(1)/2019-20/BCD/SDE/Dhenkanal**

**Price (non-refundable): Rs 177/- (Rupees One hundred seventy seven only) including 18% GST.**

**Name of the Tenderer / Contractor:**

**Date of submission of Tender Papers: 18.04.2019 up to 15.00 Hours**

**The tender shall be opened by SDE (Civil) in presence of tenderers or their authorized representative who may be present in this office on date 18.04.2019 at 15:30 hours.**

Sub-Divisional Engineer (C)  
BSNL Civil Sub-Division  
Dhenkanal

Additions: - Nil  
Deletion: - Nil  
Over-writing: - Nil  
Correction: - Nil

**BHARAT SANCHAR NIGAM LIMITED**  
(A Government of India Enterprise)

STATE: ODISHA  
ZONE: ODISHA

CIRCLE: ODISHA  
DIVISION: CUTTACK  
SUB-DIVISION: DHENKANAL

**Item Rate Tender & Contract for Works**

(A) **Tender for the work of: - Provision of PVC water storage tank on the terrace of Admn Building, Dhenkanal under Dhenkanal Telecom District.**

- (i) To be submitted by 15.00 hours on 18.04.2019 to Sub-Divisional Engineer( C), BSNL Civil Sub-Division, Dhenkanal.
- (ii) To be opened in presence of tenderer who may be present at 15.30 hours on 18.04.2019 in office of Sub-Divisional Engineer (C), BSNL Civil Sub-Division, Dhenkanal.

Issued to:

Signature of officer issuing the documents:

Designation: *Sub-Divisional Engineer(C)*

Date of Issue:

**T E N D E R**

I/We have read and examined notice inviting tender, Schedules A, B, C, D E & F, Specifications applicable, Drawings and Designs, General Rules and directions, General Conditions of Contract with all correction slips with additional conditions, additional & particular specifications, Clauses of Contract, Special conditions, Schedule of rates & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

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

I/We agree to keep the tender open for Thirty days from the due date of submission thereof and not to make any modifications in its terms and conditions. If I/we withdraw my/our tender before the said period or issue of letter of acceptance/intent, whichever is earlier, or, makes any modifications in the terms and conditions of the tender which are not acceptable to the BSNL, then the BSNL shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.

A sum of Rs..... (Rupees .....only) has been deposited in prescribed manner as earnest money. If I/We fail to commence the work specified I/We agree that the said Bharat Sanchar Nigam Limited shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by competent authority on behalf of the Bharat Sanchar Nigam Limited towards Security Deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

I/We agree that should I/We fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of invitation of tender shall be absolutely forfeited to the Bharat Sanchar Nigam Limited and the same may at the option of the competent authority on behalf of the Bharat Sanchar Nigam Limited be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

"I/we agree that this contract is subject to jurisdiction of Court at **Dhenkanal** only." (Where the NIT/Tender has been issued)

Dated: .....

( )  
Signature of Contractor

Witness:

Postal Address:

Address:

Occupation:

### A C C E P T A N C E

The above tender [as modified by you (Contractor) and as provided in the letters mentioned hereunder is accepted by me for and on behalf of Bharat Sanchar Nigam Limited for a sum of Rs ..... (Rupees .....)

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

- (a)
- (b)

**For & on behalf of Bharat Sanchar Nigam Limited**

**Date:**

**Name & Designation:**

**Signature**

## PROFORMA OF SCHEDULES

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

### SCHEDULE 'A'

Schedule of Quantities (as per PWD-3)

-Refer Schedule of Quantities Attached-

### SCHEDULE 'B'

Schedule of Materials to be issued to the contractor

S. No.	Description of Item	Quantity	Rates in figures & words at which the materials will be charged from the contractor	Place of issue
1	2	3	4	5
-----Not Applicable-----				

### SCHEDULE 'C'

Tools and Plants to be hired to the contractor

Sl. No.	Description of Item	Hire charges per day	Place of issue
1	2	3	4
Nil	Nil	Nil	Nil
<b>DELETED</b>			

All tools and plants required for execution of the work shall have to be arranged by the Contractor at his own risk and cost.

### SCHEDULE 'D'

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

Please refer Additional Conditions and Specifications and Conditions of Contract etc.

### SCHEDULE 'E'

Schedule of component of Materials, Labour etc for escalation.

#### CLAUSE 10

Component of materials expressed as percent of Total Value of work.	“X”	75%
Component of labour Expressed as percent of total value of work	“Y”	25%
Component of POL expressed as percent of Total Value of Work	“Z”	0%

## SCCHEDULE 'F'

### Reference to General Conditions of contract:-

**Name of Work: Provision of PVC water storage tank on the terrace of Admn Building, Dhenkanal under Dhenkanal Telecom District.**

**Estimated cost of Work: Rs 37336/-**

**Earnest Money: Rs 747/-**

### Performance Guarantee:

(5 % of the tendered value in the form of Bank Guarantee from Scheduled Bank in respect of works with estimated cost put to tender exceeding Rs. 15 Lakhs)

**Not Applicable**

**Security deposit:** (10% of tendered value subject to maximum of Rs 5 lakhs) to be deducted from Bill.

### GENERAL RULES & DIRECTIONS

**Officer inviting tender: Sub-Divisional Engineer(C), BSNL Civil Sub-Division, Dhenkanal.**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with the clause 12.2 & 12.3.	Plus / Minus 50 %
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Definitions: -

2 (v)	Engineer –in -Charge	Sub-Divisional Engineer (C), BSNL Civil Sub-Division, Dhenkanal.
2 (viii)	Accepting Authority	Sub-Divisional Engineer(C), BSNL Civil Sub-Division, Dhenkanal.
2 (x)	Percentage on cost of material and labour to cover all overheads and profits.	10% (Ten percent)
2 (xi)	Standard Schedule of Rates	Delhi Schedule of rates 2016 with up to date correction slips.
2(xii)	Department	Bharat Sanchar Nigam Limited

9 (ii)	Standard BSNL Contract Form	BSNL W 8 as amended up to 31.10.2007 with up to date correction slips no. 1 to 6.
Clause 2	Authority for fixing compensation under clause 2.	The Executive Engineer(C), BSNL Civil Division, Cuttack.
Clause 2A	Whether Clause shall be applicable	NO
Clause 3A	Whether Clause shall be applicable	YES
Clause 5	Time allowed for execution of work.	15 (Fifteen) days
	Authority to give fair and reasonable extension of time for completion of work.	The Executive Engineer(C), BSNL Civil Division, Cuttack.

Clause 6A	Whether Clause shall be applicable	NO
Clause 7	Gross value of work to be done together with net payment /adjustment of advances for materials collected, if any, since the last such payment for being eligible to interim payments.	Rs 15, 000/- (Rupees Fifteen thousand only)
Clause 10A	Reinforcement steel to be used in the work shall have to be procured as below:  a. TMT bars	Jindal, Tata Tiscon, SAIL, RINL (Vizag Steel)
Clause 10C		Not Applicable
Clause 10CA		Not Applicable
Clause 10D		Not Applicable
Clause 11	Specifications to be followed for execution of work.	CPWD Specifications 2009 Vol I & II with up to date correction slips.
Clause 12.2 & 12.3	Limit for value of any item	50% item wise.
Clause 16	Competent authority for deciding reduced rates	Superintending Engineer (C), BSNL Civil Circle, Bhubaneswar.
Clause 36(i)	General guideline for fixing requirement of technical staff and rate of recovery in case of non-compliance.	Not Applicable
Clause 37(i)	Extent of GST payable by Contractor for Building and Construction works:	18%
Clause 42 (i) (a)	Schedule / statement for determining theoretical quantity of cement on the basis of Delhi Schedule of Rates 2016 printed by CPWD.	
(ii)	Variations permissible on theoretical quantities: -	
	a) Cement for works with estimated cost put to tender (i) not more than Rs. 5 lakhs.	3% minus
	(ii) More than 5 lakhs	Not Applicable
	Steel reinforcement and structural steel section for each diameter, section and category.	2% minus

**Star prices to be considered for escalation & recoveries**

Sl. No.	Material	Star price (Rate in figures and words)
1	For Cement	Rs 6400/-
2	For Reinforcement Steel TMT bars	Rs 57300/-

**The rate for recovery under clause 42 shall be same as the Star Price**

**LIST OF PREFERRED MAKES FOR VARIOUS ITEMS OF WORK**

The tenderer has to provide items specified as under or equivalent with the approval of the Engineer-in-Charge for corresponding item of work.

<b>S.NO.</b>	<b>MATERIAL</b>	<b>PREFERRED MAKE</b>
1	PVC Pipes and Fittings	Astral, Supreme, Finolex, Prince, Skipper, Ashirwad, Truebore
2	Acrylic Distemper/ Plastic Emulsion Paints	Asian Paints, ICI, Berger
3	Steel Primer	ICI, Asian Paints, Berger, Shalimar
4	Dash/Anchoring Fasteners	HILTI/Fischer
5	Nuts/Bolts & Screws	GKW/Atul
6	Float Valve	Viking, Prayag, Watertec
7	Vitreous China Sanitary ware/ Porcelain	Parryware, Cera, Hindware, Nycer
8	G. I. Pipes	Jindal (Hissar), Tata, Zenith, I.T.C., GST
9	G. I. Fittings	Unik, Zenith, HB
10	Gun metal valves	Leader, ZOLOTO, DRP
11	Clear Glass/ Reflective Glass	Saint Gobain, Modiguard, Asahi, Modifloat, Indor Asia
12	Aluminium fittings	Everite, OXFORD, Argent, NLCO, Allans
13	Pre-laminated particle board	Ecoboard, Asis, Novapan
14	Hardware fittings	EARL BIHAR/HETTICH/LAXMI
15	Plyboard	National/Duro/Green Ply/Kitply/Alishan
16	Enamel Paints	Johnson & Nicholson/Asian/Royal touch/ Berger/ICI
17	CPVC pipes	Ashrivad, Flowguard, Astral, Supreme
18	Stainless steel sections	Jindal
19	CP fittings & accessories	Parko/Kingston/Esso/Plumber/Crab tree
20	Screws	Nettlefold/ GKW Ltd
21	Wood preservative	Bison by British paints/ Woodguard/Termiseal
22	Marine plywood	Kenwood/ Kitply/ National/Greenply/Sharon/Alishan
23	Commercial plywood	Guna/Kenwood/Galaxy/Century
24	Plain particle board	Novopan/Nepalboard/Ecoboard
25	PVC door shutter	Duro plast / Rajshri
26	White cement	Birla White/JK White
27	PVC gratings	Prince/Prayag.
28	PTMT Fittings	Prince, Water Tec, Prayag
29	PVC Flushing Cisterns	Parryware, Hindware
30	Vinyl flooring	Tusker, Wonder Floor
31	PVC Water Storage Tanks	ISI & IS: 12701 marked Sintex or equivalent

## ADDITIONAL CONDITIONS OF CONTRACT

The following “Additional conditions” shall be added to the standard conditions to take into account the special requirement of the work.

1. **The intending tenderers shall note that the work is to be completed within the stipulated period.**
2. **The tenderers shall take into consideration the Drawings and Specifications and quote the rates accordingly. The quoted rates shall be inclusive of all charges such as Insurance, transportation, taxes fixed by the Central/State Government etc. Nothing extra shall be payable over the quoted rates.**
3. In case of any discrepancy in the item given in the schedule of quantities appended with the tender and Architectural drawings relating to the relevant item, the contractor shall obtain clarifications in writing from the Engineer-in-Charge before execution.
4. The contractor shall take instructions from the Engineer-in-Charge for stacking of materials in any place. No excavated earth or building materials shall be stacked on areas where other buildings, roads, services of compound walls are to be constructed.
5. The surplus excavated earth which is beyond the requirement of the Government work may be allowed to be disposed off by the contractor on his own or to sell the surplus earth to private parties at his discretion, but nothing extra shall be paid for carriage of disposal of surplus earth, if the same is not required for any other Government work. The approval of the Engineer-in-Charge in writing is required to be obtained for the above.
6. The structural drawings for the work shall be issued in stages taking into consideration the approved programme as well as the actual progress.
7. The manufactured materials used on the work shall have ISI mark. In case of materials for which no manufacture has been licensed to manufacture, the materials with ISI marking, the material shall conform to the provision of the CPWD specifications. In the case of non-ISI marked materials, tests shall be conducted to ensure that they conform to the specifications or codes mentioned above. BIS marked materials may also be got tested if felt necessary by the Engineer-in-Charge.
10. All materials for which testing is mandatory before being allowed for incorporation in the work shall be purchased well in advance of their actual requirement in the work at site, so as to afford enough availability of time for getting the material tested and obtaining the approval of the Engineer-in-Charge.
9. Other agencies doing works related with this project will also simultaneously execute the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying / burying in the work of pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies, conduits for electrical wiring / cables will be laid in a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same.
10. Royalty, if any, at the prevalent rates shall have to be paid by the contractor on all the boulders, metals, shingle, sand and bajri etc. collected by him for the execution of the work direct to the Revenue authority or authorized agent of the State Government concerned or Central Government.
11. The rates quoted shall include all taxes, royalty, seignior age charges that are applicable from time to time as per statutory rules of State / Central Government.
12. The contractor shall make his own arrangements for obtaining electric / water connections, if required, and make necessary payments directly to the Department concerned.
13. The work shall be carried out in a manner complying in all respects with the requirements of relevant byelaws of the Municipal Committee / Municipal Corporation / Development Authority / Improvement Trust under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and nothing extra shall be paid on this account.
14. The contractor shall provide at his own cost suitable weighing and measuring arrangements at site for checking the weight / dimensions as may be necessary for execution of the work.
15. No compensation / payment shall be payable to the contractor for any damage caused by rains, snow fall, lightning, wind, storm, floods tornadoes, earthquakes or other natural calamities during execution of work. He will make good all such damages at his own cost and no claim on this account will be entertained.
16. Some restrictions may be imposed for regulating the construction/work activities, storage of materials, entry and movement of the personal/workers for security reasons by the competent security in-charge or by the Engineer-in-Charge or his representative and in such case the contractor shall be bound to follow all such restriction/instructions and nothing extra shall be payable on this account.



17. All cement bags and all other similar perishable items shall be stored by the contractor in a separate go-down which shall be exclusively constructed by the contractor for this purpose at his own cost as per general guidelines given in the “Typical Sketch for :- Cement Godown” under clause 3.2.1.4 of the Specifications. The dimensions given in the said sketch are only indicative and the contractor shall be bound to construct the storage godown of sufficient size so as to properly store the appropriate quantity of cement required for consumption for not less than ONE MONTH. Such go-down shall have weather proof roof and walls. The go-down shall be provided with a single door with arrangement for locking it simultaneously with two locks. The contractor shall be fully responsible for the safe custody of all the materials even if the materials are kept and stored under double lock system. The account of daily receipts and issues of the cement bags shall be maintained in the said register which shall be signed daily by the contractor or by his authorized agent in token of correctness of the entries.
18. The contractor shall also be bound to observe and follow all the provisions of “The Building and other Construction Workers (Regulation of Employment and Conditions of Service) Act 1996” and “The Building and other Construction Workers Welfare Cess Act 1996” and all the rules framed there-under. Nothing extra on this account shall be paid to the contractor.
19. Any cement slurry added over a base surface or for continuation of concreting for better bond is added to have been built in the item unless otherwise specified and nothing extra shall be payable or extra cement considered with consumption on this account. Rates of all items in which use of cement is involved shall be inclusive of curing.
20. **Unless otherwise specified in the Schedule of quantities of items, the rate for all items of the work shall be inclusive of pumping out or bailing out water encountered from any sources such as rain, sub-soil water, flood or any other causes whatsoever. The foundation pits, trenches etc. shall be kept free from water while the works below ground level are in progress. Nothing extra on this account shall be payable to the contractor.**
21. **Unless otherwise provided in the schedule of quantities of item of work, the rates tendered by the contractor shall be for all heights, lifts and leads and depth of the building and nothing extra shall be payable to the contractor on this account.**

#### **CONDITIONS FOR OTHER TAXES AND ROYALTIES**

1. **The rates offered should be inclusive of GST liable to be paid by contractors (either directly PAYABLE by them or THROUGH BSNL) AS ON THE LAST DATE /EXTENDED DATE OF SUBMISSION OF TENDER , contribution towards EPF, ESIC and all other taxes as applicable. Insurance, loading, unloading, transportation etc should be included on the quoted rates. The rate shall be firm & final.**
2. **Income Tax and surcharges** over Income Tax etc. at the rates fixed by the Ministry of Finance. Government of India shall be deducted from all the running and final bills of the contractor. Should there be any increase in rate of Income Tax and surcharge during execution of the contract, the same shall be payable by the contractor
3. Cess for the welfare of construction workers shall also be deducted from the bills of the contractor.
4. **Royalty** shall have to be paid by the contractor on all materials such as stone, bricks, boulders, metal, shingle, bajri, stone aggregate, coarse sand and fine sand etc. or any other materials used for the execution of the work direct to the Revenue Authority of the District/ State Govt. concerned.

**SCHEDULE OF QUANTITIES**

Name of the work : Provision of PVC water storage tank on the terrace of Admn Building, Dhenkanal under Dhenkanal Telecom District.						
I.No.	Description of Item	Quantity		Rate (Rs)	Unit	Amount(Rs)
1	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :					
a)	15 mm to 40 mm nominal bore	24.00	Metre		One Running Metre	
	(Rate in words Rupees )					
2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work					
a)	25 mm nominal outer dia. Pipes.	4.00	metre		One Running Metre	
	(Rate in words Rupees )					
b)	32 mm nominal outer dia. Pipes.	5.00	metre		One Running Metre	
	(Rate in words Rupees )					
c)	40 mm nominal outer dia. Pipes.	15.00	metre		One Running Metre	
	(Rate in words Rupees )					
d)	50 mm nominal outer dia. Pipes.	15.00	metre		One Running Metre	
	(Rate in words Rupees )					
3	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. : External work					
a)	20 mm dia. nominal bore	0.50	metre		One Running Metre	
	(Rate in words Rupees )					

4	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :					
a)	25 to 40 mm nominal bore	1.00	No.		Each	
	(Rate in words Rupees )					
5	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :					
a)	40 mm nominal bore	1.00	No.		Each	
	(Rate in words Rupees )					
6	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :					
a)	25 mm nominal bore	3.00	Nos.		Each	
	(Rate in words Rupees )					
7	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)					
a)	40 mm nominal bore	1.00	No.		Each	
	(Rate in words Rupees )					
8	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.					
a	Circular tank	2000.00	Litre		One Litre	
	(Rate in words Rupees )					
9	Deduct for credit the unserviceable materials to the agency ( a ) G.I pipes	24.00	m		One Metre	
	(Rate in words Rupees )					
10	Providing Bamboo Scaffolding for fixing of window glasses,tree cutting,and wall repairing in cement mortar 1:6 etc. upto 4th floor level where necessary in all complete as per direction of Engineer-in-charge.	1.00	job		One Job	
	(Rate in words Rupees )					
11	Deduct for credit PVC storage tank of 2000 Ltr capacity as directed by Engineer-in-charge.	1.00	No.		Each	
	(Rate in words Rupees )					
12	P/F PVC water storage tank nipple i/c material and labour complete as directed by Engineer-in-charge.					
	(i) 25 mm diameter	3.00	Nos.		Each	

	(Rate in words Rupees )					
13	P/F PVC water storage tank nipple i/c material and labour complete as directed by Engineer-in-charge.					
	(i)50 mm diameter	3.00	Nos.		Each	
	(Rate in words Rupees )					

SDE(Civil)