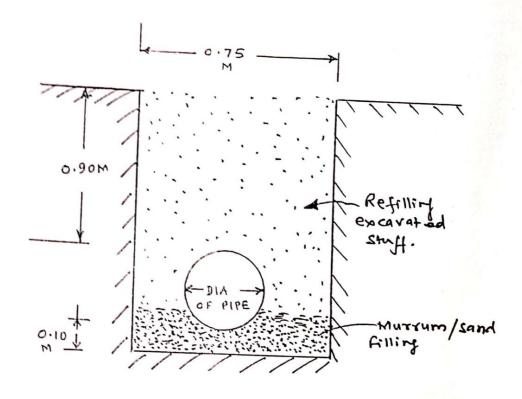
प्रमाण पत्र

प्रमाणित किया जाता है कि, नेरली समूह जल प्रदाय योजना के अंतर्गत संरक्षित एवं आरक्षित वन क्षेत्र में पाईप लाईन बिछाने हेतु भूभि की खुदाई श्रमिकों द्वारा किया जाएगा एवं किसी भी वृक्ष को नुकसान नहीं पहुँचाया जाएगा।

प्रिक्षित स्वाप्त क्रिकेट क्र



TYPICAL CROSS SECTION OF PIPE LINE WORK.

Assistant Engineer,
Public Health Engineering Project
Sub Dn.No.4 Jaqdalpur (C.G.)

NERLI GROUP WATER SUPPLY SCHEME.



कार्यालय कलेक्टर एवं जिला दण्डाधिकार जिला-दन्तेवाड़ा (छत्तीसगढ़)

फोन नम्बर :- 07856-252455, फ़ैक्स :- 07856-252488, ई-मेल पता :- dmdantewada.csr@gmail.com - U-1



क्रमांक/.../जिला कार्यालय/<u>एनएमडीसी/सग्राजप्रयो</u>/2017

कृतवाडाः विनान-१०./03/2017 कार्यपालन अभियंता, लोक स्वास्थ्य यात्रिकी दन्तेवाड़ा के द्वारा प्रस्तुत प्रस्ताव एवं एनएमडीसी काम्प्लेक्श

किरन्दुल के द्वारा वर्ष 2016-17 में स्वीकृत बजट अनुसार जिले के लाल पानी से प्रभावित कुल 08 ग्रामों हेतु एनएमडीसी काम्प्लेक्श किरन्दुल के नेरली समूह ग्रामीण जल प्रदाय योजना के तहत कार्यपालन अभियंता, लोक स्वास्थ्य यांत्रिकी विभाग दन्तेवाड़ा से प्राप्त प्राक्कलन मय तकनीकी स्वीकृति के आधार पर उन्हें कार्य एजेंसी नियुक्त निम्न तालिका में दर्शित कार्य की

प्रशासकीय स्वीकृति प्रदान की जाती है :-

कार्य का नाम	कार्य	ग्राम/नगर	जनपद	प्राक्कलित	प्रशासकीय
	संख्या	पंचायत	पंचायत	स्वीकृति	स्वीकृति
2	3	4	5 [.]	6	7
एजेन्सी का नाम :- कार्यपालन अभियंता, लोक स्वास्थ्य यांत्रिकी	(राशि लाख में)				
नेरली समूह ग्रामीण जल प्रदाय योजना 8 ग्रामों में (नेरली,	1	नेरली	दन्तेवाड़ा	1482.55	1482.55
एवं समलवार)				. ;	
योग	1			1482.55	1482.55
	2 एजेन्सी का नाम :- कार्यपालन अभियंता, लोक स्वास्थ्य यांत्रिकी नेरली समूह ग्रामीण जल प्रदाय योजना 8 ग्रामों में (नेरली, बेहनार, पीना बचेली, बेनपाल, मदाड़ी, चोलनार, कलेपाल एवं समलवार)	दे संख्या 2 एजेन्सी का नाम :- कार्यपालन अभियंता, लोक स्वास्थ्य यांत्रिकी विभाग- नेरली समूह ग्रामीण जल प्रदाय योजना 8 ग्रामों में (नेरली, 1 बेहनार, पीना बचेली, बेनपाल, मदाड़ी, चोलनार, कलेपाल एवं समलवार)	2 प्रचायत 2 प्रजेन्सी का नाम :- कार्यपालन अभियंता, लोक स्वास्थ्य यांत्रिकी विभाग-दन्तेवाड़ा नेरली समूह ग्रामीण जल प्रदाय योजना 8 ग्रामों में (नेरली, 1 नेरली बेहनार, पीना बचेली, बेनपाल, मदाड़ी, चोलनार, कलेपाल एवं समलवार)	प्रजेन्सी का नाम :- कार्यपालन अभियंता, लोक स्वास्थ्य यांत्रिकी विभाग-दन्तेवाड़ा नेरली समूह ग्रामीण जल प्रदाय योजना 8 ग्रामों में (नेरली, 1 नेरली दन्तेवाड़ा बेहनार, पीना बचेली, बेनपाल, मदाड़ी, चोलनार, कलेपाल एवं समलवार)	संख्या पंचायत पंचायत स्वीकृति 2

(प्रशासकीय स्वीकृति की राशि शब्दों में चादह कराड़ बयासा लाख पंचपन हजार

यह स्वीकृति निम्न निर्देशों के तहतू प्रदान की जाती है, इनका कड़ाई से पालन किया जावे।

कार्य तकनीकी स्वीकृति मापदण्ड के अनुरूप कराई जावे। 1.

प्रशासकीय स्वीकृति से अधिक व्यय किसी भी दशा में न किया जावे। 2.

- कार्यस्थल पर कार्य चलते समय बोर्ड प्रदर्शित करें, जिसमें कार्य के सम्बन्ध में सभी जानकारियों का विवरण एवं 3. एनएमडीसी परियोजना का लोगो हो।
- सामग्री क्रय करते समय भण्डार क्रय नियमों का कड़ाई से पालन किया जावे। 4.
- कार्य की प्रगति प्रत्येक माह की 25 तारीख तक इस कार्यालय को उपलब्ध कराना सुनिश्चित करें। 5.
- प्राप्त राशि का उपयोगिता /पूर्णता प्रमाण पत्र एवं फोटोग्राफ्स अनवार्य रूप से प्रस्तुत किया जावे। 6.

ेवक्षिण बस्तीर्रे दन्तेवाड़ा दन्तेवाड़ा, दिनांक :3४/03/2017

पृ.क्रमांक/...े. पिला कार्यालय/<u>एनएमडीसी</u>/2017 प्रतिलिपि:-

आयुक्त, बस्तरः संभाग-जगदलपुर। 1.

मुख्य कार्यपालन अधिकारी, जिला पंचायत-दन्तेवाडा।

अनुविभागीय अधिकारी (रा) दन्तेवाड़ा। 3.

प्रमुख अभियंता, लोक स्वास्थ्य यांत्रिकी विभाग, इन्द्रावती भवन रायपुर। 4.

अधीक्षण अभियंता तोक स्वास्थ्य यात्रिकी विभाग, जगदलपुर। 5.

कार्यपातन अभियंता, लोक स्वास्थ्य यात्रिकी विभाग-दन्तेवाड़ा को सूचनार्थ एवं पालनार्थ तथा उक्त कार्यस्थल पर योजन एवं लागत राशि का बोर्ड अनिवार्य रूप से प्रदर्शित कर फोटोग्राफ्स प्रस्तुत किया जावे।

महाप्रबन्धक, एनएमडीसी किरन्द्रल कॉम्प्लेक्श की ओर सूचनार्थ। 7.

8. · सूचना पटल पर चस्पा करने हेत्।

In-principle approval of C/A obtained for the proposal of implementation of "Group water supply scheme" through PHE Department, Dantewada, C.G for supply of potable drinking water to 32 villages near Bachell and Kirafidul at a cost of Rs.42.73Cr as deposit work. While according approval, one of the conditions is "after receipt of the detailed cost estimates and vetting thereof at Project level, adequate budgetary provision shall be made under AMR RE 2015-16 with the approval of C/A. Thereafter, administrative approval for implementation of the scheme shall be sought from C/A before executing MOU containing various terms and conditions including payment terms. (c/6).

PHYLIC GAID SECTION.

PHE Deptt proposed to implement the phase-I of the work i.e "Nerli group water supply scheme covering 8 villages" (Nerli, Belinar, Pina Bacheli, Balnpal, Madadi, Cholnar, Kalepal, Samalwar) under Nerli water source. Accordingly, the estimate submitted by PHE Deptt was received by Kirandul project. After processing of file in Civil and Finance Deptts at Project, the proposal was sent to Head office for approval of Rs.1896,739 lakhs (N-11)m for implementing Nerli group water supply scheme. The proposal was verified in Env. Deptt and estimate was verified in Engg Deptt at at Head Office. The estimate includes 20% premium over the estimate amount. Civil Deptt also found some observations in estimate and file returned back to project for rectifying the same in consultation with PHE Deptt (N-21 to 27).

Now, the revised estimate is received from Kirandul project for approval of Rs.1482.55 lakhs. The revised estimate verified by Project Civil Department (N-31) and also at HO-Civil Deptt vide N-50. The summary of estimate details is given below.

S, no	Particulars	Revised estimate in Rs. lakhs
1	Preliminary	17.04
2	Land requisition	6.02
3	Provision for stop dam	22.39
4	Construction of Raw water collection sump	5.28
5	Raw water pumping machinery at intake well	1,71
6	Raw water pumping main	61,26
7*	Water Treatment Plant 0.5 MLD capacity	59.09
8	Clear water pumping machinery at WTP	9.73
9	Clear water pumping main	607.28
10	Construction of RCC over Head tanks	57.90
11	Distribution net work	443.33
12	Construction of staff quarters	33.34
13	Miscellaneous	72.31
14	Sub Total (1 to 13)	1396.68
15	Add 1% contingencies	13.97
16	Add 3% for Nakshal prabhawit kshetra	41.90
17	Sub Total - Civil works (14 to 16)	1452.55
18	For Electrical works	30.00
-	Grand Total (17 to 18)	1482.55

*Note: the item rate is not checked at Project due to non submission of budgetary offers by PHE Department.

The details of the scheme are given in enclosed Detailed Project Report. The scheme will be implemented during F.Y 2016-17 & 2018-19. 2017-15

NERLI GROUP WATER SUPPLY SC

Block : Kuakonda & District : Dantewada
GENERAL ABSTRACT

No Particulars Amou (Rs. In 1) Prelimenary (6.9) Land Requisition 6.07 Raw Water Collection Sump as GSR with Raw Water Pump House 5.21 Raw Water Pump with 100% Stand Bye 3 HP Centrigugal Pump, Having Discharge	S.R		1522.33						
Prelimenary	No	Particulars				Amount			
2 Land Requisition 6.03 Provision for Cross Regulator 22.3 Raw Water Collection Sump as GSR with Raw Water Pump House 5.21 Raw Water Pump with 100% Stand Bye 5.21 Baw Water Pump with 100% Stand Bye 6.12 Baw Water Pumping Main 6.12 From source Point to WTP Site 150 mm dia D.I. Pipe Class K-9 Length 3030 m 59.0 Water Treatment Plant Capacity 0.5 MLD 6.12 Clear Water Pumps 13 HP Centrifugal Pump, Having Discharge 11015 LPH With a Head 191 m. with 50% stand bye 6.7 Clear Water Pumping Mains From clear water sump to all OHT's, of 150mm to 100mm Dia. Length 38640 m. 607. RCC Over Head Tanks of Various Capacities for Respective Villages 7.5 Name of Village 7.5 Name of Village 8.5 Name of Village 9.40 KL 8.6 Behnar 0 40 KL 8.6 Beinpal 0 40 KL 8.6 Bainpal 0 40 KL 8.6 Rale 2al 0 40 KL 8.6 Samalwar 9 40 KL 8.6 Samalwar 9 40 KL 8.6 Samalwar 9 40 KL 9 KL	1	Prelimenary				(Rs. In lacs)	۔ اد		
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	Public Healt	h Engineerin antewada (C	.G) Superintending E	Pu Cingineer	کرد المجانب عدی ک Executive Er blic Health Engine	Total → 17 Sa. R 177 Ingineer eering Division
2	Public Healt	h Engineerin antewada (C	Superintending E	Pu Engineer ering Circle	کرد المجانب عدی ک Executive Er blic Health Engine	Total → 17 Sa. R 177 Ingineer eering Division
	Public Healt	h Engineerin antewada (C	.G) Superintending E	Pu Engineer ering Circle	کرد المجانب عدی ک Executive Er blic Health Engine	Total → 17 Sa. R 177 Ingineer eering Division
·	Public Healt	h Engineerin antewada (C	Superintending E	Pu Engineer ering Circle	کرد المجانب عدی ک Executive Er blic Health Engine	Total → 17 Sa. R 177 Ingineer eering Division
	Public Healt Sub Division D	h Engineerin antewada (C	Superintending E ublic Health Engine Jagdalpur (C	Pu Engineer ering Circle C.G)	Executive Er blic Health Engine Dantewada	Total → 17 Sa. R 177 Ingineer eering Division
	Public Healt Sub Division D	h Engineerin antewada (Ĉ	Superintending E ublic Health Engine Jagdalpur (C	Pu Engineer Sering Circle	Executive Engine Dantewada	Total > 17 Sa R 177 ngineer eering Division a (C.G) Substitute of the content
-	Public Healt Sub Division D	h Engineerin antewada (Ĉ	Superintending E ublic Health Engine Jagdalpur (C	Pu Engineer Sering Circle	Executive Engine Dantewada	Total > 17 Sa R 177 ngineer eering Division a (C.G) Substitute of the content
	Public Healt Sub Division D	h Engineering antewada (C	Superintending Eublic Health Engine Jagdalpur (C	Puengineer Sering Circle S.G) 1522.33	Executive Engine Dantewada	Total > 17 Sa R 177 ngineer eering Division a (C.G) Substitute of the content
	Public Healt Sub Division D	h Engineering antewada (C	Superintending Eublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer Sering Circle S.G) 1522.33	Executive Engine Dantewada Lacs two Lacs (h):	Total → 17 Sa. R 177 Ingineer eering Division
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending E ublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer Sering Circle S.G) 1522.33	Executive Engine Dantewada Lacs two Lacs (h):	Total > 17 Sa R 177 ngineer eering Division a (C.G) Substitute of the content
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending Eublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer Sering Circle S.G) 1522.33	Executive Engine Dantewada Lacs two Lacs (h):	Total > 17 Sa R 177 ngineer eering Division a (C.G) Substitute of the content
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending E ublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer circle c.G) 1522.33 hoeroft	Executive Er blic Health Engine Dantewada	Fify three thuse
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending Eublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer ering Circle (G) 1522.33 hoperfy Engineer	Executive Er blic Health Engine Dantewada	Fify three thuse
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending Eublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer ering Circle (G) 1522.33 hoperfy Engineer	Executive Er blic Health Engine Dantewada Auc Lucs Chris	Annexult-
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending Eublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer circle c.G)	Executive Er blic Health Engine Dantewada Auc Lucs Chris	Annexult-
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending Eublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer ering Circle (G) 1522.33 hoperfy Engineer	Executive Er blic Health Engine Dantewada Auc S Co. C.	Annexule-1
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending Eublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer ering Circle (G) 1522.33 hoperfy Engineer	Executive Er blic Health Engine Dantewada Auc S Co. C.	Annexule-1
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending Eublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer ering Circle (G) 1522.33 hoperfy Engineer	Executive Er blic Health Engine Dantewada Auc S Co. C.	Annexule-1
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending Eublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer ering Circle (G) 1522.33 hoperfy Engineer	Executive Er blic Health Engine Dantewada Auc S Co. C.	Annexule-1
	Public Healt Sub Division D	h Engineering antewada (Control of the Point	Superintending Eublic Health Engine Jagdalpur (Conctioned for Rs	Puengineer ering Circle (G) 1522.33 hoperfy Engineer	Executive Er blic Health Engine Dantewada Auc S Co. C.	Annexule-1

NEKLI GROUP WATER SUPPLY SCHEME

Block : Kuakonda & District : Dantewada

Estimate No. - 9 CLEAR WATER PUMPING MAIN

	TIV POMP	ING MA	IN			
S.	PARTICULARS	Estimated Cost Rs.607.28Lacs				
NO		QTY	RATE	PER	AMOUNT	1
1	Earthwork in excavation for pipe trench in all kinds of soil	,				
			-			1
						,
	lift upto 1.5m, disposal earth to be levelled, neathly dressed					
	dressed dressed dressed dressed		٠ ,			
	Dia I B		1			1
	150mm dia D.I pipe class K - 9 9498 0.59 0.75	4202.00		١.,	}	
	100mm dia D.I pipe class K - 9 20142 0.55 * 0.75			1		
_	(CG PHE SOR P.19 It.No. 2.1) 39640	45440.00		Cum	2267702.00	
2	Earth work in Excavation for pipe trench in Hard Soil areas		144	Cuiti	2367792.00	1
,	meloding dressing, Watering and ramming and disposal of				-	1
	Lacavated earth lead up to 50 meters and lift up to 1 5m					
	disposal earth to be levelled, neatly dressed.					
	Dia L D W				*	
	150mm dia D.I pipe class K - 9 9498 0.43 0.75	3064.00				
	100mm dia D.I pipe class K - 9 29142 0.41 0.75	8962.00			7	_
3	(CG PHE SOR P.19 It.No. 2.2)	12026.00	- 191	Cum	2296966.00	
-	Earth work in excavation for pipe trench in all kinds of soft					
	rock in areas I/c dressing, watering and ramming and disposal of excavated earth lead upto 50 meters & lift upto					
	1.5m, disposal earth to be leveled, neatly dressed.					
	Dia L D W				*	
	150mm dia D.I pipe class K - 9 9498 0.14 1.05	1396.21	-			
	100mm dia D.I pipe class K - 9 29142 0.13 1.05	3977.89			s	
	(CG PHE SOR P.19 It.No. 2.5a)	5374.10	. ,	Cum	1794949.40	
4	Pumping out water caused by springs, tides or river					/
	seepage, broken water mains.	1200	51	ĶĽ	61200.00	
	(CG PHE SOR P.20 It.No. 2.9)					
5	Providing, laying & jointing following socket & spigot		,	,		
- 1	centrifugally cast(spun) Ductile iron pressure pipes with		ì	,		
- 1	inside cement motor lining (class K - 9) conforming to IS		70L		Ť	
	8329/2000 with suitable Rubber Gasket (Push on) Joint as		(1)			
	per IS : 5382/85					_
	150mm dia D.I pipe class K - 9	9498.00	1542	Mtr	14645916.00	
	100mm dia D.I pipe class K - 9	29142.00	1040	Mtr	30307680.00	
_	(CG PHE SOR P.87 It.No. 6.3)				J	/
_	Add 15% for DI Specials				6743039.40	4
	Filling available excavated earth in trenches, plinth sides of					
	foundation in layers not exceeding 20cm. in depth including					
1	consolidation of each layer by ramming watering, lead up					
1	to 50m and lift up to 1.5m in all kinds of soils				(*)	
	Quantity of Excavation Deduct volume	22042 40				
	of pipe & Moorum Quantity	33843.10				1
ı,	Deduct Volume of Pipe	167.76			• ~	
	Deduct Volume of Concrete	14.62	/ 1			
	CG PHE SOR P.19 It.No. 2.10.1)	33660.72	/ ₅₉ }	Cum	1985982.57	

5.	PARTICULARS				
<u>8</u>	Providing & Javing	QTY	RATE	PER	AMOUNT
	centering & shuttering				
	25 x 0.6 x 0.15 4 x 1 x .15	2.25			
9	(CG PHE SOR P.21 It.No. 2.21.1.1) Providing & laying mechanically mixed cement concrete 20mm maximum size graded crushed at	0.60 2.85	3325	Cum	9476.25
	20mm maximum size graded crushed stone excluding cost of centring & shuttering. Superstructure. for Encasing pipe in road crossings				
	25 m x 0.6 x 0.6 Less pipe volum of 250mm pipe Net Quantity of Concrete For thrust blocks	9 1.23 7.77		r	
10	4 Nos. 1* 1 (CG PHE SOR P.21 lt.No. 2.21.1.3)	4· 11.77	4484	Cum	52776.68
10	Providing and placing in position cold twisted or un-coated HYSD steel bar and hot rolled deformed steel reinforcement for R.C.C. work I/c cutting, bending, binding etc. complete I/c cost of binding wire and wastage.				32770.08
	Sub structure 11.77 x (.5/100)*7850 (CG PHE SOR P.23 It.No. 2.25.1.2	461.9725	55	per Kg	25408.49
11	Construction of Rcc valve chamber with Rcc precast covers 100mm to 300mm dia				
12	(CG PHE SOR Item No. 23.10(1.6) Page No.259) $(0 \times 30\% \times 1.25 \times 0.2)$	35 0	12482 4031	each Cum	436870.00 0.00

Total

60728056.79

Say

607.28

Laes

Assistant Engineer
Public Health Engineering
Sub Division Dantewada (C.G)

Executive Engineer
Public Health Engineering Division
Dantewada (C.G)