

JAIPUR VIDYUT VITRAN NIGAM LIMITED

TENDER SPECIFICATION

FOR

Providing of Remaining Rural Electricity Infra structure and House hold Electrification in 4 selected block(s) of Dholpur District under Rajiv Gandhi Gramin Vidyutikaran Yojna on Turn-Key basis.

(TURNKEY PROJECT)

PACKAGE No. JPD/SE/TW/TN- 183

SUPERINTENDING ENGINEER (TW)

JAIPUR VIDYUT VITRAN NIGAM LIMITED

OLD POWER HOUSE, BANI PARK, JAIPUR - 302006

Telephone No.0141- 2201022

Fax No.-0141-2201022

E-mail- [www.jaipur](http://www.jaipurdiscom.in) discom.in

Rs. 5000/-

JAIPUR VIDYUT VITRAN NIGAM LIMITED

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(TURNKEY PROJECT)

VOLUME-I

PART-I

PACKAGE No. JPD/SE/TW/TN- 183

JAIPUR VIDYUT VITRAN NIGAM LIMITED

OFFICE OF THE SUPERINTENDING ENGINEER (TW)

OLD POWER HOUSE PREMISES, BANIPARK, JAIPUR-302016

No. JPD/SE/ TW/XEN-II/AEN-V/F. /D.

JAIPUR, Dated.....

The Public Relation Officer,

Jaipur Discom.

JAIPUR.

Sub: Publication of short terms Notice for tenders TN-183 (Lot-1&2)

Three copies of above cited short terms tender notice in English and Hindi for TN-183(Lot-1&2) of this office are enclosed herewith for publication in news papers for wide publicity. The publishers may be advised to publish in the single issue of their paper in classified advertisement column in single space.

The NIT is required to be published in the following news papers:

1. Two state level Newspapers one of which should at least have circulation of 50,000 copies and above.
2. In Prominent daily paper being published from Delhi, Mumbai, Kolkata and Chennai
3. Indian Trade journal Kolkata
4. WEB site of NIGAM/RRVVNL Jaipur

The estimated value of NIT is approx. Rs.554.08 for Lot-1 and 640.36 for Lot-2

A copy of cutting of the relevant publication may please be sent to this office.

Encl: As above.

(S.L Gurjar)

Superintending Engineer (TW)

Copy submitted/ forwarded to the following for information with the request to please arrange to get the enclosed Notice displayed at the 'Notice Board' of their office.

1. The Chief Engineer (O&M / Comml.), Jaipur Discom, Jaipur.
2. The Dy. Chief Engineer (MM/M&P & CRP), Jaipur Discom, Jaipur.
3. The Superintending Engineer (O&M/RE), Jaipur Discom, Bharatpur/Jaipur.
4. The Superintending Engineer(IT),Jaipur Discom,Jaipur for arranging hosting of this NIT at Nigam's website(www.jaipurdiscom.in)
5. The Sr. Accounts Officer (O&M/MM/TW), Jaipur Discom, Jaipur/Bharatpur.
6. The TA to CMD,Jaipur Discom,Jaipur
7. The Executive Engineer (O&M/MIS/TW/TW-1),Jaipur Discom,Dholpur/Jaipur
8. The Store Superintended, Jaipur Discom,Dholpur
9. The ACOS,Jaipur Discom,Bharatpur
10. The Chief Project Manager,Rural Electrification Corporation Ltd.,J-4A, Jhalana Doongri Industrial Area,Jaipur-302004

Encl: As above

Superintending Engineer (TW)

JAIPUR VIDYUT VITRAN NIGAM LIMITED

OFFICE OF THE SUPERINTENDING ENGINEER (TW),
Old Power House, Bani Park, Jaipur-302006

SHORT TERM INVITATION FOR BIDS

Sealed bids in two parts (Techno-commercial Bid and Price Bid) are invited from eligible bidders for carrying out electrification works in Jaipur Discom on Turn Key basis against packages mentioned here under.

Description of work: - Providing of Rural Electricity infra structure for House hold electrification in selected blocks of various districts under Rajiv Gandhi Grameen Vidhyutikaran Yojna schemes on turn key basis.

Package No.	District	Lot No. alongwith Name of Blocks. (P.S.)	Estimated cost in Rs. Lacs.	E.M.D./ bid security amount (in Rs. Lacs.)	Cost of bidding document (s) (in Rs)	Last date & time for receipt of Bids in the package(s)	Date & time for opening of Techno-Commercial Bids in the package(s)
JPD/ SE/ TW/ TN-183	Dholpur	Lot-1 Baseri Bari	554.088	11.10	5000/-	4.5.11 2.30PM	4.5.11 3.00PM
		Lot-2 Dholpur Rajakheda	640.36	12.81	5000/-	4.5.11 2.30PM	

The Tender documents are available on JVVNL web site www.jaipurdiscom.in and the same can be down loaded by the bidders. No hard copy of the tender documents will be provided to the bidders through this office. The cost of tender documents as mentioned above against each enquiry , shall be furnished in the form of Demand Draft in favour of the Accounts Officer (TW), Jaipur Vidyut Vitran Nigam Limited,Jaipur, alongwith the bid in manner prescribed in tender documents , which is essential for participation in tender enquiry. The tenders will be received upto 2:30 P.M.on the same day in the office Sr. Accounts officer (TW), old power House premises, BaniPark, near Ram Mandir, Jaipur-6, in presence of tenderers or their authorized representatives, who wish to be present.

Superintending Engineer (TW)

Not to be published. Matter is for hosting on website only.

Superintending Engineer (TW)

**जयपुर विद्युत वितरण निगम लिमिटेड, जयपुर
पुराना पावर हाउस, बनीपार्क जयपुर-302006.**

अल्पकालिक निविदा सूचना

जयपुर डिस्कॉम में टर्न की आधार पर निम्न कार्य करने हेतु पात्र निविदादाताओं से मुहरबन्द निविदायें दो भाग में (तकनीकी- वाणिज्य निविदा एवं मूल्य निविदा) निम्न निर्दिष्ट पैकेज अनुसार आमंत्रित की जाती हैं
कार्य का विवरण:- टर्न की आधार पर राजीव गाँधी ग्रामीण विद्युतीकरण योजनाओं के अन्तर्गत धौलपुर जिले के चुने हुये ब्लोक्स (पंचायत समितियों) में घरेलू कनेक्शनो हेतु मूल भूत विद्युत सरचना गत ढॉचा उपलब्ध कराने हेतु।

पैकेज नं.	जिला	लॉट न: एव ब्लोक का नाम	अनुमोदित लागत लाख रू. में	धरोहर राशि/ विड सुरक्षा राशि लाख रू. (लगभग)	निविदा विवरण की कीमत रू. मे	निविदा प्राप्ति की अंतिम दिनांक एवं समय	तकनीकी वाणिज्यक निविदा खुलने का दिनांक एवं समय
जेपीडी/ अ.अ. टीडब्लू / टी.एन. -183	धौलपुर	लॉट-1 बसेडी बाडी	554.08	11.10	5000/-	4.05.11, 2.30 पीएम	4.05.11, 3.00 पीएम
		लॉट-2 धौलपुर राजाखेडा	640.36	12.81	5000/-		

निविदा विवरण की प्रति जयपुर विद्युत वितरण निगम लिमिटेड की वेब साइट www.jaipurdiscom.in से डाउनलोड की जा सकती है। निविदा से संबंधित कोई भी डॉक्यूमेंट इस कार्यालय से जारी नहीं किये जायेंगे। निविदा भरने के लिए निविदा मूल्य का डिमांड ड्राफ्ट जो कि लेखाधिकारी (टी.डब्लू) के नाम हो भेजा जाना आवश्यक है। निविदा मूल्य का डिमांड ड्राफ्ट न होने पर निविदा नहीं खोली जायेगी। निविदाये दिनांक 4.05.11 दोपहर 2:30 बजे तक जमा की जा सकती है एवं उसी दिन दोपहर 3:00 बजे तकनीकी एवं वाणिज्यिक निविदायें निविदाकर्ता अथवा उनके अधिकृत प्रतिनिधियों जो मौजूद रहना चाहेगे के समक्ष खोली जायेगी।

अधीक्षण अभियन्ता (टीडब्ल्यू)

प्रकाशित न करें / उपरोक्त सूचना केवल वैबसाइट पर डालने हेतु।

अधीक्षण अभियन्ता (टीडब्ल्यू)

JAIPUR VIDYUT VITRAN NIGAM LIMITED

OFFICE OF THE SUPERINTENDING ENGINEER(TW)

OLD POWER HOUSE PREMISES, BANIPARK,JAIPUR-302006

SHORT TERM NOTICE FOR INVITATION OF BIDS

Sealed bids are invited from eligible bidders for carrying out electrification works under Rajeev Gandhi Grameen Vidyutikaran Yojna schemes in Dholpur districts of Rajasthan against packagesTN-183 (Lot-1&2) respectively on turn key basis. The bids are scheduled to be opened on 4.5.11. The details of tendered work, estimated cost and EMD for individual package are available on our website www.rajenergy.com.

SUPERINTENDING ENGINEER (TW)

Copy forwarded to the following for information & necessary action :

1. M/s.Vindhya Telelinks Ltd. 605 & 608, DDA Building No.2,District Centre, Janakpuri,New Delhi-110058
2. M/s. Maytas Infra Ltd, 6-3-1186/5/A, 3 rd Floor,Amogh Plaza, Begumpet, Hyderabad-500001.
3. M/s. Shree Raghu Sales Corporation, C-52, Prem Colony, Nehru Nagar, Jaipur-302 016.
4. M/s. Ved Prakash & Co., ¾, Near Rain Basera, Agra Road, Dausa.

**SUPERINTENDING ENGINEER (TW)
JVVNL, JAIPUR**

कार्यालय अधीक्षण अभियन्ता (टीडब्ल्यू)
जयपुर विद्युत वितरण निगम लिमिटेड, जयपुर
पुराना पावर हाउस, बनीपार्क जयपुर-302006.

अल्पकालिक निविदा सूचना

टर्न की आधार पर राजीव गॉधी ग्रामीण विद्युतीकरण योजना के अन्तर्गत धौलपुर जिले में विद्युतीकरण कार्य, हेतु निविदा संख्या टीएन-183 (लॉट-1 और 2) के अन्तर्गत योग्य निविदा दाताओं से सील बन्द निविदायें आमंत्रित की जाती हैं जो कि दिनांक 4.05.11 को खुलने के लिए प्रस्तावित हैं।

अलग-अलग निविदाओं के लिए कार्य का विवरण, अनुमानित राशि एवं धरोहर राशि का विवरण हमारी वेब साईट **www.rajenergy.com** पर उपलब्ध है।

अधीक्षण अभियन्ता (टीडब्ल्यू)

प्रकाशित न करें / उपरोक्त सूचना केवल अखबार में प्रकाशित करने के लिए है।

अधीक्षण अभियन्ता (टीडब्ल्यू)

JAIPUR VIDYUT VITRAN NIGAM LIMITED

OFFICE OF THE SUPERINTENDING ENGINEER(TW)

OLD POWER HOUSE PREMISES, BANIPARK, JAIPUR-302006

CORRIGENDUM

Sealed bids are invited from eligible bidders for carrying out electrification works under Rajeev Gandhi Grameen Vidyutikaran Yojna schemes in Dholpur districts of Rajasthan against packages TN-183 (Lot-1&2) respectively on turn key basis. The bids are scheduled to be opened on 4.5.11. The details of tendered work, estimated cost and EMD for individual package are available on our website www.rajenergy.com and may also available on www.jaipurdiscom.in.

SUPERINTENDING ENGINEER (TW)

Note to be published. Above NIT is for publication in News Papers.

**SUPERINTENDING ENGINEER (TW)
JVVNL, JAIPUR**

कार्यालय अधीक्षण अभियन्ता (टीडब्ल्यू)
जयपुर विद्युत वितरण निगम लिमिटेड, जयपुर
पुराना पावर हाउस, बनीपार्क जयपुर-302006.

संशोधन

टर्न की आधार पर राजीव गाँधी ग्रामीण विद्युतीकरण योजना के अन्तर्गत धौलपुर जिले में विद्युतीकरण कार्य, हेतु निविदा संख्या टीएन-183 (लॉट-1 और 2) के अन्तर्गत योग्य निविदा दाताओं से सील बन्द निविदायें आमंत्रित की गयी थी। जो कि दिनांक 4.05.11 को खुलने के लिए प्रस्तावित हैं।

अलग-अलग निविदाओं के लिए कार्य का विवरण, अनुमानित राशि एवं धरोहर राशि का विवरण हमारी वेब साईट www.rajenergy.com के अतिरिक्त www.jaipurdiscom.in पर भी उपलब्ध है।

अधीक्षण अभियन्ता (टीडब्ल्यू)

प्रकाशित न करें / उपरोक्त सूचना केवल अखबार में प्रकाशित करने के लिए है।

अधीक्षण अभियन्ता (टीडब्ल्यू)

IMPORTANT NOTES

PACKAGE NO. JPD/SE/TW/TN-183

Last Date of Receipt of Bids	4.5.11 (Upto 2.30 PM)
Date of Opening of Techno-commercial Bids	4.5.11 (At 3.00 PM)
Cost of Specification	Rs.5000/-(Rs. Five Thousand only)
Validity	120 days from the date of opening of techno commercial bids or 60 days from the date of opening of price bids whichever is later.
Earnest Money:	As per enclosed statement
Contact No. and address:	Superintending Engineer (TW), Old Power House, Near Ram Mandir, Bani Park, Jaipur-302006 Telephone: 0141-2201022 Fax: 0141-2201022 E-mail-www.jaipurdiscom.in

Note:-EMD could be furnished in cash/DD or 20% in cash/DD and balance 80% in the form of bank guarantee as per details given in enclosed statement .

1.The Specification comprises of following:-

A	Volume-I (Part-I)
(i)	Copy of invitation for bids.
(ii)	Important notes
(iii)	Bid proposal form and schedules
(iv)	Qualification requirements
	(Part-II)
(i)	General technical conditions and specifications
B	Volume-II
(i)	Part-I Instructions to bidders(INB)
(ii)	Part-II General Conditions of Contract(GCC)
(iii)	Part-III Erection Conditions of Contract(ECC)

2. Furnishing of Earnest Money (Bid Guarantee) as per clause No. 5.0 of “Instructions to bidders”(INB) of this specification is essential. Bid not accompanied by a copy of cash receipt / crossed bank draft / bank guarantee for Earnest Money Deposit will not be opened and rejected. The bidders having vendor registration with the Superintending Engineer (TW) JVVNL Jaipur under class E-I shall furnish earnest money ½% as against normal 2% of the estimated cost.
3. The bid shall be furnished in the following manner:-
 - i(a) One small size **envelope containing DD towards the cost of tender documents** as mentioned in the NIT. The DD should be payable in favour of Sr.AO(TW), JVVNL, Jaipur. This envelope shall be super scribed” **cost of tender”**
 - i(b) One small size envelope **containing requisite earnest money in the form of DD in favour of Sr.AO(TW),JVVNL,Jaipur and vendor registration certificate if applicable.** This envelope shall be super scribed “**EARNEST MONEY DEPOSIT”**.
 - ii) One medium size envelope containing “ Techno-Commercial bid” which shall be super scribed “**TECHNO-COMMERCIAL BID”**.
 - iii) Another medium size envelope containing “Price bid” which shall be super scribed “**PRICE BID”**
 - iv) And the fourth big size envelope for covering the above three envelopes which shall be super scribed “ **BID OFFER AGAINST JPD/SE/TW/TN-183 TO BE OPENED ON “ ----- ”** and it should be addressed to :

The Superintending Engineer (TW),
Jaipur Vidyut Vitran Nigam Limited
Old Power House, Bani Park,
Jaipur - 06
(All the envelopes shall be duly sealed individually)
4. The Bidder shall quote rates /prices in the manner prescribed schedule of prices (‘G’ Schedule-2). If Schedule(s) are not filled in completely in the prescribed manner, the offer is likely to be ignored.
5. No part of this specification should be deleted /removed, and it should be submitted duly filled and signed on all pages.
6. All bids and accompanying documents shall be addressed to the Superintending Engineer (TW), JVVNL, Old Power House, Bani Park, Jaipur-302006.
7. Bids shall be valid for a minimum period of 120 days from the date of opening of Techno-Commercial bids or 60 days from the date of opening of price bids

whichever is later. Bids mentioning a shorter validity period are likely to be ignored.

8. No deviation shall be accepted in respect of any term & condition of the specification.
9. The bidder should sign the bid proposal form at each page and at the end.
10. The bid proposal form shall be a part of the specification.
11. Telegraphic quotation will not be considered.
12. Bid received after due date of opening will not be accepted.
13. Bidder shall ensure that their bids are furnished /submitted strictly in the manner detailed in the specification.
14. The JVVNL reserves the right to reject any or all the bids without assigning any reason thereof.

Superintending Engineer (TW)
Jaipur Vidyut Vitran Nigam Limited
Old Power House, Bani Park,
Jaipur – 302006

BID PROPOSAL FORM FOR PROVIDING OF REMAINING RURAL ELECTRICITY INFRA- STRUCTURE AND HOUSE HOLD ELECTRIFICATION IN 4 SELECTED BLOCK(S) OF DHOLPUR DISTRICT UNDER RAJIV GANDHI GRAMIN VIDYUTIKARAN YOJNA ON TURN-KEY BASIS AGAINST SPECIFICATION NO JPD/SE/TW/TN-183.

To,
The Superintending Engineer Engineer(TW),
Jaipur Vidyut Vitran Nigam Limited,
Jaipur.

Dear Sir,

With reference to your invitation for bids against specification No.JPD/SE/TW/TN-183, we agree for execution of tendered work including supply of material ,erection & commissioning on turnkey basis as per bidding documents given to us on prices, terms & conditions mentioned here under for Lot ----- of the package:-

1. The prices as mentioned in Schedule-2 "G-schedule of prices/Rates (furnished in separate envelope under the cover "PRICE BID".) are firm in all respect.
2. The prices quoted are valid for a period of 120 days from the date of opening of "techno-commercial bids" or 60 days from the date of opening of "price bids" whichever is later.
3. The quoted /agreed prices are inclusive of the following charges:
 - (a) Excise Duty, State Sales Tax (VAT) /Central Sales Tax (CST) at the applicable rates, freight & Insurance charges, entry tax etc for supply of material
 - (b) Labour/Erection charges
 - (c) Other taxes/ levies/duties/ charges what- so- ever, if any.
4. We hereby certify that the quoted/agreed prices are inclusive of octroi duty, other local duties and taxes applicable at the place of manufacturer and / or tenderer on the date of opening of bids and shall not be charged extra. The central/state sales tax shall be payable at the actuals or at the concessional rate of 4 % whichever is less for which necessary declaration form 'C'/D' will require to be issued by the Nigam. Any statutory variation in the taxes /duties/ levies during contracted completion period shall be to Nigam's account.
5. It is noted that the quantities as mentioned in the specification are tentative and we agree to execute any quantity of work as per your requirement.
- 6 . We have noted the standard terms of payment and undertake to abide by the same.

7. We also note that conditional offers are likely to be rejected.
8. We also note that erection losses are not admissible as these works are on total turn-key in nature.
9. The erection work shall strictly be in accordance with work completion schedule as given in the schedule-5. In case we fail to complete the work as indicated therein we shall pay penalty as per "Delay in completion" clause of the specification.
10. The material shall conform your specification No. JPD/SE/TW/ TN-183 and as per ISS in all respect.
11. We confirm that we agree to adhere to all the commercial terms & conditions as well as the technical stipulation of your specification No. JPD/SE/TW/ TN-183 and there is no deviation. Such acceptance has also been confirmed in prescribed schedule 3 & 4 enclosed herewith.
12. We confirm that we are qualified for bidding in terms of Qualification Requirements specified in the bidding documents and have submitted the requisite qualification Certificate & data/ documents with the bid.
13. Until a formal contract is prepared and executed, this together with your written acceptance thereof in your notification of award shall constitute a binding contract between us.
14. We understand that you are not bound to accept the lowest or any bid you may receive.
15. Work will be executed as per all the terms & conditions of REC guidelines.

Encl:-Schedule-3 to 8 along with supporting documents.

Yours faithfully,

Signature
Name & Designation with seal of the firm

Place:

Date:

Schedule-2

Tentative G-schedule for the Rural electrification under RGGVY for electrification in two selected block(S) of Dholput District Viz Baseri & Bari against package No.JPD/SE/TW/TN-183(Lot-1)

S. No	Particulars.	Unit	Qty.	material cost		Erection Cost	
				Cost of material per unit	Total cost of material	Cost of erection per unit	Total cost of erection
1	2	3	4	5	6	7	8
1	Supply & erection of PCC poles in alignment including excavation of pit and back filling soil in 0.15 M consolidating each deposit layer of 0.15 M by ramming ad watering etc.in the length (as per latest specifications and drawing adopted & approved by NIGAM)						
a.	9.0 Mtr.long (400 Kg.)	Nos	393	1921.14	755008.02	490	192570.00
b.	9.0 Mtr.long (200 Kg.)	Nos.	5470	1873.36	10247279.20	478	2614660.00
c.	8.0 Mtr. Long (200 Kg.)	Nos	5199	1140.82	5931123.18	379.80	1974580.20
2	Supply & fixing of 11 KV top hamper galvanized as per IS , 0.4 m long made of MS Angle (65x65x6mm) & with clamps of Size 50X 6 mm, on the pole complete and each including one set (2 nos) size 16x65 mm of nuts, bolts galvanized as per IS & Washers as per latest specification and drawing adopted and approved by NIGAM (3.953 Kg. + 0.3 Kg.)	Set	5863	166.60	976775.80	7.12	41744.56
3	Supply and fixing of 11 KV Porcelain Pin insulators with pins on pole complete including all accessories like hardware fitting as per latest specification and drawings adopted & approved by the NIGAM.						
a	Pin insulator	Nos.	5863	31.56	185036.28		
b.	Pins	Nos.	5863	61.51	360633.13		
	Total	Set	5863	93.07	545669.41	5.41	31718.83
4	Supply & fixing of 11KV T&C Type porcelain disc. Insulators (1 Disc insulator+ 1 Hardware) complete including all accessories like hardware fitting (as per latest specifications and drawings adopted & approved by NIGAM)						
a	Disc insulator	Nos.	900	211.07	189963.00		
b.	Hardware of T&C	Nos.	900	115.14	103626.00		
	Total	Set	900	326.21	293589.00	12.69	11421.00

5	Supply and fixing of LT Porcelain Pin insulators with pins on pole complete including all accessories like hardware fitting (as per latest specification and drawings adopted & approved by the NIGAM).						
a.	Pin insulator	Nos	3850	6.22	23947.00		
b.	Pins	Nos	3850	23.94	92169.00		
	Total	Set	3850	30.16	116116.00	3.24	12474.00
6	Supply and fixing of LT Porcelain Shackle insulators on Pole including all accessories like hardware fittings as per latest specification and drawings adopted & approved by the NIGAM.						
a.	Shackle insulator	Nos	1650	6.18	10197.00		
b.	Harware of shackle insulator	Nos	1650	36.57	60340.50		
	Total	Set	1650	42.75	70537.50	5.19	8563.50
7	Supply and erection of GI stay set complete with stay rod and anchor plate including stay clamps galvanized as per IS, turn buckle and tightened through strain insulator including excavation of pit refilling etc.as required complete in all respect(16mm dia 1.8 mtr Long stay rod, 300 X 300 X 4 mm. anchor plate, 12 mm dia. buckle & 11 KV strain insulator, G. I. stay wire of 7/10 SWG)						
a	Stay set	Nos.	2212	481.91	1065984.92		
b.	Guy insulator	Nos.	2212	8.11	17939.32		
c.	Stay wire (5.508 Kg)	Set	2212	243.37	538334.44		
d	Stay clamps (Set=2Nos. Clamps)(1.7 Kg)	Set	2212	65.04	143868.48		
e	Nuts & bolts (galvanized as per IS) (Set=3 Nos) of size 16x65 mm with flat & spring washer (weight -0.45 Kg)	Set	2212	21.74	48088.88		
	Total	Set	2212	820.17	1814216.04	152.86	338126.32
8	Supply, Drawing and Stringing of overhead steel cored aluminium ACSR WEASEL [30 sq.mm (6+1)/(2.59+2.59) mm]conductor on existing cross arms through insulator including binding & twisting with soft aluminium wire on both side of insulator complete in all respect as per latest specification and drawing adopted and approved by NIGAM.	Kms.	740.00	16167.62	11964038.80	666.31	493069.40

9	Supply and Fixing of 6.35/0.24 KV substation structure(galvanized as per IS) complete in all respect made of MS Channel ,MS angle and MS flat etc. including nut ,bolt,flat and spring washer on existing 9.0 mtr long PCC Poles (as per latest specification and drawing adopted & approved by NIGAM) (43.059 Kg. + 2 Kg. approx.)	Nos.	393	1677.42	659226.06	81.88	32178.84
10	Supply and Erection of 6.35KV/240 V 16 KVA Copper wound conventional outdoor type single phase distribution transformers with all fittings and accessories and first filling of transformer oil alongwith MCCB. Protection on LV side and Lightning arrestors confirming to technical specification approved by JVVNL.	Nos	393	43576.79	17125678.47	520.8	204674.40
11	Supply & fixing of 11 KV 100 Amp. Drop out cum isolater with 5.0 Amp. Fuse & 12 KV post insulatos including nut, bolt & washers, (as per latest specification and drawings adopted and approved by NIGAM) material shall be supplied by Nigam as free issue	Nos.	393	0.00	0.00	87.43	34359.99
12	Supply and fixing of PG clamps on over headlines/jumpers, made of aluminum alloy as per IS:617-1994 (with latest amendments if any) including nuts, bolts and washers etc. All ferrous metal part intended for outdoor use except those made of stainless steel shall be protected by hot dip galvanising in accordance with IS: 2633- 1986 (latest ammended) complete in all respect as required for ACSR conductor, (as per latest specification and drawing adopted & approved by NIGAM).	Nos.	1516	39.10	59275.60	2.73	4138.68

13	Supply & Erection of overhead ABC(Aerial bunched cable) with insulated messenger wire on existing poles including supply & fixing of suspension and dead end clamps , jointing, stringing complete in all respect:						
I)	1Cx25+25Sq. mm (Insulated)	Km	193.20	32775.270	6332182.16	1143.75	220972.50
ii)	Suspension clamps NFC Type with eye hook bolt & PCC pole clamps (galvanized as per IS)	Nos.	3120	302.33	943269.60	26.33	82149.60
iii)	Dead end clamps NFC Type with eye hook bolt & PCC pole clamps (galvanized as per IS)	Nos.	2079	314.18	653180.22	26.38	54844.02
iv)	LT insulation piercing connectors NFC Type A (main 16-50 mm ² Tap off 2.5-16 mm ²)	Nos.	13014	46.81	609185.34	12.82	166839.48
v)	LT insulation piercing connectors NFC type B .(main 16-50 mm ² , Tap off 16-50 mm ²)	Nos.	2079	73.62	153055.98	12.71	26424.09
14	Supply and providing of 3 nos of earthing on S/S made with MS Rod(Galvanised Type) 20mm dia, 3 meter length to be driven in earth by mechanical means and jointing the transformers neutral body,11 KV G.O. Horn Gap LT MCCB etc, with GI wire 2 Nos. of 8 SWG for earthing (approx. total length / weight, 50 m/4.907 Kg.) as per latest specification and drawing adopted & approved by NIGAM.	Set	393	1493.00	586749.00	333.19	130943.67
15	Supply and Laying of 2C X 2.5 Sq.mm. 1100 Volt heavy duty armoured PVC XLPE Cable of Aluminium conductor for release of new LT Connections conforming to IS:7098 (Part-I) (latest amended) .All material including cable which shall be procured from appoved vendor of Jaipur Discom, will be provided by the contractor.	Km	131.00	27268.80	3572212.80	2620	343220.00

16	Supply and Fixing Single phase two wire AC static energy meters of rating 5-30 amp. with having LCD display with moulded box (complete unit) as per latest specification of MM wing, Jaipur Discom, under TN-2038 at the consumer's premises with 4 No. Anchor fasteners of rust proof size M-6X50 mm. on the wall as per the position of holes provided on meter box. The meter box must be housed perfectly vertical / plumb line..	Nos.	6507	710.25	4621596.75	53.12	345651.84
17	Supply and Fixing of 1.33 m long, 50x50x6 mm size, M.S. angle(galvanized as per IS) for support of service line at consumer end for supporting the over head service line to be drawn from pole to consumer end, including one set (2Nos.) size 5" X 5/8" of nuts & bolts with flat and spring washers(galvanized as per IS)	set	3254	221.45	720598.30	12.15	39536.10
18	Supply & fixing of other fabricated steel items(galvanized as per IS) as required	MT	0.40	34308.30	13723.32	1817.2	726.88
19	Supply & fixing of MS nut bolts 5/8" dia assorted size(galvanized as per IS)	MT	0.20	48300.00	9660.00	1820	364.00
20	Supply and providing of earthing on 11 KV lines made with MS rod (Galvanised type) 20mm dia, 3 meter length to be driven in earth by mechanical means and jointing the neutral GI wire of 8 SWG (approx length / weight, 17 meter /1.64 Kg.) as per latest specification and drawing adopted & approved by NIGAM	set	586	497.67	291634.62	164.68	96502.48
21	Supply & drawing of 8 SWG (4m) GI wire hot dip galvanized complete in all respect with binding wire etc. as per latest specification & drawing adopted and approved by NIGAM.	MT.	35.41	39330.00	1392675.30	3846.14	136191.82

22	Supply & fixing of LT cross arm (galvanized as per IS)(3.150 Kg.) 600 mm long 50x50x6 mm on the existing pole/joist complete with clamp (galvanized as per IS) of MS 50 X 6 mm flat(0.97 Kg.) including one set (2Nos.) size 16 X 65 mm (weighing 0.3 Kg.)of nuts ,bolts(galvanized as per IS) with flat and spring washer, as per latest specification, design and drawing adopted & approved by NIGAM	Set	5863	175.69	1030070.47	9.72	56988.36
23	Supply & fixing of 11 KV bracket(galvanized as per IS) for Dead end points 1130 mm long, 75x40x6 mm size,channel on existing 9 Mtr.pole complete with clamp of MS flat(galvanized as per IS) with Nut & Bolt (galvanized as per IS). as per latest specification, design & drawing approved by the Nigam						
a.	Channel bracket, 1130 mm long, size 75x40x6 mm (8.06 Kg.)	Set	393	276.52	108672.36		
b.	Clamp 50x8 mm(1.93 Kg.)	Set	393	66.22	26024.46		
c.	One set of 2 Nos. Nuts & Bolts (2.5"X5/8") with flat & spring washer (0.3 Kg.)	Set	393	14.49	5694.57		
	Total	Set	393	357.23	140391.39	18.7	7349.10
24	Supply & fixing of 11 KV bracket(galvanized as per IS) for T-OFF point 1130 mm long 65x65x6 mm on existing 9 Mtr.pole complete with clamp (galvanized as per IS)of MS flat with Nut & Bolt(galvanized as per IS) etc. (as per latest specification, design & drawing approved by the Nigam)						
a.	Angle bracket 1130 mm long, size 65x65x6 mm (6.554 Kg.)	Set	393	224.86	88369.98		
b.	Clamp of MS 50x6 flat (1.145 Kg.)	Set	393	39.28	15437.04		
c.	One set of 2 Nos. Nuts & Bolts (2.5"x5/8") mm, with flat and spring washer (0.3 Kg.)	Set	393	14.49	5694.57		
	Total	Set	393	278.63	109501.59	14.54	5714.22

25	Supply & fixing of 2 Nos. Guard bracket (galvanized as per IS)per span for 11 KV made of MS Angle 65X65X6 mm with clamps, using 4 Nos. Eye bolts(galvanized as per IS) 16 mm dia x 6" long, bolts (galvanized as per IS)for clamps and Nuts and with GI guard wire with cross lacings at an interval of 2.0 Mtr. including necessary Nut & Bolt, flat & spring washer (as per latest specification, design & drawing approved by the Nigam)						
(a)	MS Angle (2x1.8 M),65X65X6mm, 20.88 Kg	Set	182	716.36	130377.52		
(b)	Clamp of M S Flat 50x6 mm(2x0.501m, wt. 2.36 Kg.)	Set	182	80.97	14736.54		
(c)	G I Wire 8 SWG,68 Mtr, 6.66 Kg	Set	182	262.41	47758.62		
(d)	Eye bolts 6"x5/8"(4x0.5=2.0Kg),	Set	182	96.60	17581.20		
(e)	M S Nuts& Bolts, size 2.5"x5/8" (4x0.15=0.6 Kg)	Set	182	28.98	5274.36		
	Total	Set	182	1185.32	215728.24	370	67340.00
26	Supply , transportation & erection of						
(a)	Surface type teak wood Board with varnish and entire treatment including fixing gutties etc. For installation of cut-outs holders and bulb and on -off switch. Size 250x300mm	Nos.	6507	36.75	239132.25	3.75	24401.25
(b)	240 volt kit kat fuse 5 amp. porcelain base with copper contact on existing Board including making connections etc. as required. Make: Kenbar /Crompton/GEC/Philips.	Nos.	6507	14.18	92269.26	2.5	16267.50
(c)	5 amp. porcelain base single pole tumber switch IS- 3854 including making connetion etc. as required if piano type on - off switch supplied in place of tumbler switch the rate will be reduced by Rs. 6.00	Nos.	6507	10.76	70015.32	1.56	10150.92
(d)	Brass batten /Angle /pendent holder any ISI approved make including making connections etc. as required.	Nos.	6507	23.10	150311.70	3.75	24401.25
(e)	14/15 Watt.Compact Fluorescent lamp (CFL),ISI mark,Philips/bajaj/GEC make.	Nos.	6507	98.00	637686.00	incl.	
(f)	10 Amp. 240 Volts ISI mark MCB.	Nos.	6507	68.25	444102.75	12.5	81337.50

(g)	PVC insulated solid aluminum conductor cable 1.5sq. mm.single core 1100v. Grade (IS. 694) of standard quality and approved Makes duly clipped on wooden bottom.	Km.	10	3150.00	31500.00	1000	10000.00
(h)	Supply and fixing of 16mm Dia 2 Meter long MS earthing Rod (galvanized as per IS) with 2 mtr. 10 SWG GI wire along with Nuts & Bolts. The work including flattening of top end of MS rod drilling a hole at flattened end and tightening of earth electrods I.e. G.I. Wire 10SWG with nut& bolts the other end will be connected to the earth terminal provided at meter board.	Set	6507	136.50	888205.50	31.25	203343.75
27	Erection and supply of Sign board		70	4664.46	326512.20	incl.	
TOTAL COST (Rs)					74833683.14		8145940.05

I/We hereby offer -----%(-----percentage)
(In Words)
above / below on the Material Cost

and -----%(----- percentage) (In Words)
above / below on the Erection Cost of the above"G" Schedule

(Signature)
Name & Designation with seal of Firm

**Tentative G-schedule for the Rural electrification under RGGVY for
electrification in two selected block(S) of Dholput District Viz Dholpur &
Rajakheda against package No.JPD/SE/TW/TN-183(Lot-2)**

S. No	Particulars.	Unit	Qty.	material cost		Erection Cost	
				Cost of material per unit	Total cost of material	Cost of erection per unit	Total cost of erection
1	2	3	4	5	6	7	8
1	Supply & erection of PCC poles in alignment including excavation of pit and back filling soil in 0.15 M consolidating each deposit layer of 0.15 M by ramming ad watering etc.in the length (as per latest specifications and drawing adopted & approved by NIGAM)						
a.	9.0 Mtr.long (400 Kg.)	Nos	369	1921.14	708900.66	490	180810.00
b.	9.0 Mtr.long (200 Kg.)		2937	1873.36	5502058.32	478	1403886.00
c.	8.0 Mtr. Long (200 Kg.)	Nos	3147	1140.82	3590160.54	379.80	1195230.60
2	Supply & fixing of 11 KV top hamper galvanized as per IS , 0.4 m long made of MS Angle (65x65x6mm) & with clamps of Size 50X 6 mm, on the pole complete and each including one set (2 nos) size 16x65 mm of nuts, bolts galvanized as per IS & Washers as per latest specification and drawing adopted and approved by NIGAM (3.953 Kg. + 0.3 Kg.)	Set	3306	166.60	550779.60	7.12	23538.72
3	Supply and fixing of 11 KV Porcelain Pin insulators with pins on pole complete including all accessories like hardware fitting as per latest specification and drawings adopted & approved by the NIGAM.						
a	Pin insulator	Nos.	3306	31.56	104337.36		
b.	Pins	Nos.	3306	61.51	203352.06		
	Total	Set	3306	93.07	307689.42	5.41	17885.46
4	Supply & fixing of 11KV T&C Type porcelain disc. Insulators (1 Disc insulator+ 1 Hardware) complete including all accessories like hardware fitting (as per latest specifications and drawings adopted & approved by NIGAM)						
a	Disc insulator	Nos.	790	211.07	166745.30		
b.	Hardware of T&C	Nos.	790	115.14	90960.60		
	Total	Set	790	326.21	257705.90	12.69	10025.10

5	Supply and fixing of LT Porcelain Pin insulators with pins on pole complete including all accessories like hardware fitting (as per latest specification and drawings adopted & approved by the NIGAM).						
a.	Pin insulator	Nos	2056	6.22	12788.32		
b.	Pins	Nos	2056	23.94	49220.64		
	Total	Set	2056	30.16	62008.96	3.24	6661.44
6	Supply and fixing of LT Porcelain Shackle insulators on Pole including all accessories like hardware fittings as per latest specification and drawings adopted & approved by the NIGAM.						
a.	Shackle insulator	Nos	881	6.18	5444.58		
b.	Harware of shackle insulator	Nos	881	36.57	32218.17		
	Total	Set	881	42.75	37662.75	5.19	4572.39
7	Supply and erection of GI stay set complete with stay rod and anchor plate including stay clamps galvanized as per IS, turn buckle and tightened through strain insulator including excavation of pit refilling etc.as required complete in all respect(16mm dia 1.8 mtr Long stay rod, 300 X 300 X 4 mm. anchor plate, 12 mm dia. buckle & 11 KV strain insulator, G. I. stay wire of 7/10 SWG)						
a	Stay set	Nos.	1291	481.91	622145.81		
b.	Guy insulator	Nos.	1291	8.11	10470.01		
c.	Stay wire (5.508 Kg)	Set	1291	243.37	314190.67		
d	Stay clamps (Set=2Nos. Clamps)(1.7 Kg)	Set	1291	65.04	83966.64		
e	Nuts & bolts (galvanized as per IS) (Set=3 Nos) of size 16x65 mm with flat & spring washer (weight -0.45 Kg)	Set	1291	21.74	28066.34		
	Total	Set	1291	820.17	1058839.47	152.86	197342.26
8	Supply, Drawing and Stringing of overhead steel cored aluminium ACSR WEASEL [30 sq.mm (6+1)/(2.59+2.59) mm]conductor on existing cross arms through insulator including binding & twisting with soft aluminium wire on both side of insulator complete in all respect as per latest specification and drawing adopted and approved by NIGAM.	Kms.	388	16167.62	6273036.56	666.31	258528.28

9	Supply and Fixing of 6.35/0.24 KV substation structure(galvanized as per IS) complete in all respect made of MS Channel ,MS angle and MS flat etc. including nut ,bolt,flat and spring washer on existing 9.0 mtr long PCC Poles (as per latest specification and drawing adopted & approved by NIGAM) (43.059 Kg. + 2 Kg. approx.)	Nos.	369	1677.42	618967.98	81.88	30213.72
10	Supply and Erection of 6.35KV/240 V 16 KVA Copper wound conventional outdoor type single phase distribution transformers with all fittings and accessories and first filling of transformer oil alongwith MCCB. Protection on LV side and Lightning arrestors confirming to technical specification approved by JVVNL.	Nos	369	43576.79	16079835.51	520.8	192175.20
11	Supply & fixing of 11 KV 100 Amp. Drop out cum isolater with 5.0 Amp. Fuse & 12 KV post insulatos including nut, bolt & washers, (as per latest specification and drawings adopted and approved by NIGAM) material shall be supplied by Nigam as free issue	Nos.	369	0.00	0.00	87.43	32261.67
12	Supply and fixing of PG clamps on over headlines/jumpers, made of aluminum alloy as per IS:617-1994 (with latest amendments if any) including nuts, bolts and washers etc. All ferrous metal part intended for outdoor use except those made of stainless steel shall be protected by hot dip galvanising in accordance with IS: 2633- 1986 (latest ammended) complete in all respect as required for ACSR conductor, (as per latest specification and drawing adopted & approved by NIGAM).	Nos.	1652	39.10	64593.20	2.73	4509.96
13	Supply & Erection of overhead ABC(Aerial bunched cable) with insulated messenger wire on existing poles including supply & fixing of suspension and dead end clamps , jointing, stringing complete in all respect:						
l)	1Cx25+25Sq. mm (Insulated)	Km	117.00	32775.270	3834706.59	1143.75	133818.75

ii)	Suspension clamps NFC Type with eye hook bolt & PCC pole clamps (galvanized as per IS)	Nos.	1888	302.33	570799.04	26.33	49711.04
iii)	Dead end clamps NFC Type with eye hook bolt & PCC pole clamps (galvanized as per IS)	Nos.	1259	314.18	395552.62	26.38	33212.42
iv)	LT insulation piercing connectors NFC Type A (main 16-50 mm ² , Tap off 2.5-16 mm ²)	Nos.	17796	46.81	833030.76	12.82	228144.72
v)	LT insulation piercing connectors NFC type B (main 16-50 mm ² , Tap off 16-50 mm ²)	Nos.	1259	73.62	92687.58	12.71	16001.89
14	Supply and providing of 3 nos of earthing on S/S made with MS Rod(Galvanised Type) 20mm dia, 3 meter length to be driven in earth by mechanical means and jointing the transformers neutral body,11 KV G.O. Horn Gap LT MCCB etc, with GI wire 2 Nos. of 8 SWG for earthing (approx. total length / weight, 50 m/4.907 Kg.) as per latest specification and drawing adopted & approved by NIGAM.	Set	369	1493.00	550917.00	333.19	122947.11
15	Supply and Laying of 2C X 2.5 Sq.mm. 1100 Volt heavy duty armoured PVC XLPE Cable of Aluminium conductor for release of new LT Connections conforming to IS:7098 (Part-I) (latest amended) .All material including cable which shall be procured from approved vendor of Jaipur Discom, will be provided by the contractor.	Km	180	27268.80	4908384.00	2620	471600.00
16	Supply and Fixing Single phase two wire AC static energy meters of rating 5-30 amp. with having LCD display with moulded box (complete unit) as per latest specification of MM wing, Jaipur Discom, under TN-2038 at the consumer's premises with 4 No. Anchor fasteners of rust proof size M-6X50 mm. on the wall as per the position of holes provided on meter box. The meter box must be housed perfectly vertical / plumb line..	Nos.	8898	710.25	6319804.50	53.12	472661.76

17	Supply and Fixing of 1.33 m long, 50x50x6 mm size, M.S. angle(galvanized as per IS) for support of service line at consumer end for supporting the over head service line to be drawn from pole to consumer end, including one set (2Nos.) size 5" X 5/8" of nuts & bolts with flat and spring washers(galvanized as per IS)	set	4449	221.45	985231.05	12.15	54055.35
18	Supply & fixing of other fabricated steel items(galvanized as per IS) as required	MT	0.40	34308.30	13723.32	1817.2	726.88
19	Supply & fixing of MS nut bolts 5/8" dia assorted size(galvanized as per IS)	MT	0.20	48300.00	9660.00	1820	364.00
20	Supply and providing of earthing on 11 KV lines made with MS rod (Galvanised type) 20mm dia, 3 meter length to be driven in earth by mechanical means and jointing the neutral GI wire of 8 SWG (approx length / weight, 17 meter /1.64 Kg.) as per latest specification and drawing adopted & approved by NIGAM	set	331	497.67	164728.77	164.68	54509.08
21	Supply & drawing of 8 SWG (4m) GI wire hot dip galvanazed complete in all respect with binding wire etc. as per latest specification & drawing adopted and approved by NIGAM.	MT.	19	39330.00	747270.00	3846.14	73076.66
22	Supply & fixing of LT cross arm (galvanized as per IS)(3.150 Kg.) 600 mm long 50x50x6 mm on the existing pole/joist complete with clamp (galvanized as per IS) of MS 50 X 6 mm flat(0.97 Kg.) including one set (2Nos.) size 16 X 65 mm (weighing 0.3 Kg.)of nuts ,bolts(galvanized as per IS) with flat and spring washer, as per latest specification, design and drawing adopted & approved by NIGAM	Set	3306	175.69	580831.14	9.72	32134.32
23	Supply & fixing of 11 KV bracket(galvanized as per IS) for Dead end points 1130 mm long, 75x40x6 mm size,channel on existing 9 Mtr.pole complete with clamp of MS flat(galvanized as per IS) with Nut & Bolt (galvanized as per IS). as per latest specification, design & drawing approved by the Nigam						

a.	Channel bracket, 1130 mm long, size 75x40x6 mm (8.06 Kg.)	Set	369	276.52	102035.88		
b.	Clamp 50x8 mm(1.93 Kg.)	Set	369	66.22	24435.18		
c.	One set of 2 Nos. Nuts & Bolts (2.5"X5/8") with flat & spring washer (0.3 Kg.)	Set	369	14.49	5346.81		
	Total	Set	369	357.23	131817.87	18.7	6900.30
24	Supply & fixing of 11 KV bracket(galvanized as per IS) for T-OFF point 1130 mm long 65x65x6 mm on existing 9 Mtr.pole complete with clamp (galvanized as per IS)of MS flat with Nut & Bolt(galvanized as per IS) etc. (as per latest specification, design & drawing approved by the Nigam)						
a.	Angle bracket 1130 mm long, size 65x65x6 mm (6.554 Kg.)	Set	369	224.86	82973.34		
b.	Clamp of MS 50x6 flat (1.145 Kg.)	Set	369	39.28	14494.32		
c.	One set of 2 Nos. Nuts & Bolts (2.5"x5/8") mm, with flat and spring washer (0.3 Kg.)	Set	369	14.49	5346.81		
	Total	Set	369	278.63	102814.47	14.54	5365.26
25	Supply & fixing of 2 Nos. Guard bracket (galvanized as per IS)per span for 11 KV made of MS Angle 65X65X6 mm with clamps, using 4 Nos. Eye bolts(galvanized as per IS) 16 mm dia x 6" long, bolts (galvanized as per IS)for clamps and Nuts and with GI guard wire with cross lacings at an interval of 2.0 Mtr. including necessary Nut & Bolt, flat & spring washer (as per latest specification, design & drawing approved by the Nigam)						
(a)	MS Angle (2x1.8 M),65X65X6mm, 20.88 Kg	Set	160	716.36	114617.60		
(b)	Clamp of M S Flat 50x6 mm(2x0.501m, wt. 2.36 Kg.)	Set	160	80.97	12955.20		
(c)	G I Wire 8 SWG,68 Mtr, 6.66 Kg	Set	160	262.41	41985.60		
(d)	Eye bolts 6"x5/8"(4x0.5=2.0Kg),	Set	160	96.60	15456.00		
(e)	M S Nuts& Bolts, size 2.5"x5/8" (4x0.15=0.6 Kg)	Set	160	28.98	4636.80		
	Total	Set	160	1185.32	189651.20	370	59200.00
26	Supply , transportation & erection of						
(a)	Surface type teak wood Board with varnish and entire treatment including fixing gutties etc. For installation of cut-outs holders and bulb and on -off switch. Size 250x300mm	Nos.	8898	36.75	327001.50	3.75	33367.50

(b)	240 volt kit kat fuse 5 amp. porcelain base with copper contact on existing Board including making connections etc. as required. Make: Kenbar /Crompton/GEC/Philips.	Nos.	8898	14.18	126173.64	2.5	22245.00
(c)	5 amp. porcelain base single pole tumber switch IS- 3854 including making connetion etc. as required if piano type on - off switch supplied in place of tumbler switch the rate will be reduced by Rs. 6.00	Nos.	8898	10.76	95742.48	1.56	13880.88
(d)	Brass batten /Angle /pendent holder any ISI approved make including making connections etc. as required.	Nos.	8898	23.10	205543.80	3.75	33367.50
(e)	14/15 Watt.Compact Fluorescent lamp (CFL),ISI mark,Philips/bajaj/GEC make.	Nos.	8898	98.00	872004.00	incl.	
(f)	10 Amp. 240 Volts ISI mark MCB.	Nos.	8898	68.25	607288.50	12.5	111225.00
(g)	PVC insulated solid aluminum conductor cable 1.5sq. mm.single core 1100v. Grade (IS. 694) of standard quality and approved Makes duly clipped on wooden bottom.	Km.	14	3150.00	44100.00	1000	14000.00
(h)	Supply and fixing of 16mm Dia 2 Meter long MS earthing Rod (galvanized as per IS) with 2 mtr. 10 SWG GI wire along with Nuts & Bolts. The work including flattening of top end of MS rod drilling a hole at flattened end and tightening of earth electrods I.e. G.I. Wire 10SWG with nut& bolts the other end will be connected to the earth terminal provided at meter board.	Set	8898	136.50	1214577.00	31.25	278062.50
27	Erection and supply of Sign board		34	4664.46	158591.64	incl.	
TOTAL COST (Rs)					59194871.34		5878218.72

I/We hereby offer -----%(-----percentage)
(In Words)
above / below on the Material Cost

and -----%(-----percentage) (In Words)
above / below on the Erection Cost of the above "G" Schedule

(Signature)
Name & Designation with seal of Firm

Scheme Proposal : Block wise electrification of Villages and Habitations proposed under present scheme

State : RAJASTHAN

Name of District & Census Code:- DHOLPUR (08)

Scheme Code No. :

Sr. No.	TN-183	Name of Block	Census code (2001)	Proposed No. of villages to electrified under present scheme	Proposed No. habitations to be electrified
1	2	3	4	5	6
1	Lot-1	Baseri	0001	40	0
2		Bari	0002	24	0
3	Lot-2	Dholpur	0003	19	0
4		Rajakheda	0004	7	0
Total				90	0

Scheme Proposal: Block wise electrification of rural households and BPL households and Public places / services proposed under present scheme (Tentative)

State : RAJASTHAN

Name of District & Census Code:- DHOLPUR (08)

Scheme Code No. :

Sr. No.	TN-183	Name of Block	Census code (2001)	Proposed NO. of connections to be released to BPL HH
1	2	3	4	5
1	Lot-1	Baseri	0001	3729
2		Bari	0002	2778
3	Lot-2	Dholpur	0003	5609
4		Rajakheda	0004	3289
Total				15405

TN-183

Scheme Proposal: Block wise proposed infrastructure – substations and line

State : RAJASTHAN

D-2

Name of District & Census Code:- Dholpur (08)

Scheme Code No. :

S. No.	Name of Block	Census code (2001)	Proposed infrastructure (Tentative)									
			33/11 KV S/S		Length of 33 KV Line	Total length of 11 KV line (feeders)	Distribution S/S				Total length of LT line(feeders)	
			No. of Sub Stations	Total Power Transformer Capacity			Transformer capacity	1-Ph. Or 3-Ph.	No. of S/S	Total Dist. Transformer capacity	Configur-ation (1-Ph.)	Length of LT lines
Nos.	MVA	Kms.	Kms.	KVA		No.	MVA		Kms.			
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Baseri	0001	0	0	0	210.27	16	1-Ph.	245	3.92	1-Ph	136.07
2	Bari	0002	0	0	0	150.50	16	1-Ph.	148	2.368	1-Ph	51.05
3	Dholpur	0003	0	0	0	110.252	16	1-Ph.	212	3.392	1-Ph	62.54
4	Rajakheda	0004	0	0	0	83.59	16	1-Ph.	157	2.512	1-Ph	50.73
	Total		0	0	0	554.612			762	12.192		300.39

SCHEDULE-2(A)

NAME OF DISTRICT AND CENSUS CODE: DHOLPUR (08) AGAINST PACKAGE NO.JPD/SE/TW/TN-183

The scheme covers 622 Villages out of which in 532 Villages intensive electrification is to be carried out and in remaining 90 Nos. of Villages infrastructures is to be developed against TN-183 of Dholpur District.

Scheme also covers Electrification of 0 Nos. of Dhanis & **15405** Nos. Electrification of House hold.

Detail of identified works is as under:-

- (i) D-1 (a):-Blockwise electrification of Villages and Habitations proposed under present scheme
- (ii) D-2:- Blockwise proposed infrastructure sub-station and line
- (iii) Scheme proposal:- Blockwise electrification of rural households and BPL households

SCHEDULE-3

Commercial Terms & Conditions

Bidder's Name & Address :

To

The Superintending Engineer (TW),
Jaipur Vidyut Vitran Nigam Limited,
Old Power House, Bani Park,
Jaipur – 302006

Dear Sirs,

Sub : Confirmation for “No Deviation” in Commercial terms & conditions of package No. JPD/SE/TW/ TN-183.

We hereby confirm that there is no deviation in commercial terms & conditions stipulated in the bidding documents and we are agreed to adhere the same strictly.

Date:
Place:

(Signature).....

(Name).....

(Designation).....

(Common Seal).....

Technical Terms & Conditions

Bidder's Name & Address :

To

The Superintending Engineer (TW),
Jaipur Vidyut Vitran Nigam Limited,
Old Power House, Bani Park,
Jaipur – 302006

Dear Sirs,

Sub : Confirmation for “No Deviation” in Technical terms & conditions of package No. JPD/SE/TW/ TN-183.

We hereby confirm that there is no deviation in technical terms & conditions stipulated in the bidding documents and we are agreed to adhere the same strictly .

We also confirm that tendered material shall be procured from vendors approved by JVVNL and shall be conforming to various requirements of relevant ISS/Specification/orders and as per design and drawing approved by the Nigam.

Date : (Signature).....

Place : (Name).....
(Designation).....
(Common Seal).....

Work Completion Schedule

Bidder's Name & Address : _____ To, _____
 The Superintending Engineer (TW),
 Jaipur Vidyut Vitran Nigam Limited
 Old Power House, Bani Park,
 Jaipur – 302006

Dear Sirs,

We hereby declare that the following Work Completion Schedule shall be followed by us in supply, erection and commissioning of the equipments and completion of works as detailed in the 'G'-schedule-2 (Associated Schedule –2A) of package No. JPD/SE/TW/TN-183.

S. No.	Stage	Period in months	
1	Commencement	Within two months from the date of receipt of work order.	
2	Completion of supply, erection, testing and commissioning of ordered work	By March, 2012	
		Time	Progressive quantum of work executed in terms of contract value
		In 50% of completion time period	25% of contract value
		In 75% of completion time period	50% of contract value
		In 100% of completion time period	100% of contract value

Date _____

Place _____

(Signature).....

(Name).....

(Designation).....

(Common Seal).....

SCHEDULE-6(A)

Qualification Requirements Details

Bidder's Name & Address : To, The Superintending Engineer (TW)
Jaipur Vidyut Vitran Nigam Limited
Old Power House, Bani Park,
Jaipur – 302006

Dear Sirs,

We hereby declare that we are qualified for bidding in reference to “Qualification Requirements” indicated in “Part-I, Vol-I of the bidding documents and submit the following certificate(s) /documents in support of the above :-

- 1.
- 2.
- 3.

Date : (Signature).....

Place : (Name).....
(Designation).....
(CommonSeal).....

Schedule-6(B)

Qualification Requirements Details: - works executed during last three years i.e. 2008-09, 2009-10 & 2010-11 against orders prior to date 1.4.2008 and period 1.4.2008 to 31.3.2011

S. No.	Description of work	Work order		Stipulated completion period	Date of commencement	Date of completion	Work actually executed as per completion certificate (Amt.in Rs. Lacs)			Remarks
		No.& Date	Amount (Rs.in lacs)				Prior to 1.4.2008	During 1.4.2008 to 31.3.11	After 31.3.11/ balance	
1	2	3	4	5	6	7	8	9	10	11
	Total:									

- Note:
- (1) Copy of each work order, G-schedule & completion report be enclosed.
 - (2) Completion report must be certified by an technical officer only, not below the rank of Executive Engineer and should also be duly attested by Notary Public.
 - (3) Furnishing of the completion report of each of work executed specially indicating the amount Thereof is essential as the qualification of the bidder shall be determined on this basis. The work experience shall not be counted on account of non furnishing of such documents.

Date: _____
Place: _____

Signature
Name _____
Designation _____
Common Seal

List of Past Experience

Bidder's Name & Address :

To,

The Superintending Engineer (TW)
 Jaipur Vidyut Vitran Nigam Limited
 Old Power House, Bani Park,
 Jaipur – 302006

Dear Sirs,

We have completed /executed the orders of Turn-key packages/Labour contracts successfully as per details given hereunder:-

S.No.	Details of ordered work	Order No. & Date	Name & details of ordering utility	Date of commencement
1	2	3	4	5

Date of completion	Contract value of ordered/executed work	Whether order executed as per stipulated work completion schedule or not	Remarks
6	7	8	9

Date :

(Signature).....

Place :

(Name).....

(Designation).....

(Common Seal).....

List of Equipments and Technical Hands

Bidder's Name & Address :

To,

The Superintending Engineer (TW)
Jaipur Vidyut Vitran Nigam Limited
Old Power House, Bani Park,
Jaipur – 302006

Dear Sirs,

We hereby declare that we have sufficient men & machinery for successful execution of work against this tender enquiry ,the details of which are given as under:-

Date :

(Signature).....

Place :

(Name).....

(Designation).....

(Common Seal).....

QUALIFICATION REQUIREMENTS

1. This bidding is open to only those bidders who provide satisfactory evidence in support of following qualification requirements:-
 - (a) The tender may be filed by a single bidder or by making a consortium. The bidder should possess class "A" Electrical license issued by Electrical Inspectorate of any state Govt. or Central Govt. of India and is a qualified contractor who regularly undertakes the turnkey projects of the type specified and has adequate technical knowledge and practical experience. If the bidder owns a license other than Rajasthan state, then he will have to obtain it within one month from Electrical Inspectorate of Govt. of Rajasthan in case he is selected for award failing which the contract awarded is likely to be cancelled. A undertaking to this effect is to be furnished along with bid.
 - (b) The bidder should have executed the works defined here under in last three financial years (Yr.2008-09, 2009-10 & 2010-11) to the amount equivalent to 25% of estimated cost of the package for which he is bidding:-
 - i. Construction of 33KV, 11KV & LT lines or higher voltage lines.
 - ii. Construction of 33/11KV 11/0.4 KV 6.35/0.24KV or higher voltage ratio Sub-stations.
 - iii. Shifting of H.T./ L.T lines and sub-stations.
 - iv. H.T./ L.T cabling works.
 - v. Supply / erection / installation of service line & meters.
 - (c) In support of the Execution of works stated above at item No. above (b), the bidder is required to furnish a list of specified works executed during last three financial years i.e. year 2008-09, 2009-10 & 2010-11 in the prescribed format given at Schedule -6(B), duly supported by the following documents duly attested in respect of each work executed:-
 - (i) Detailed work /Purchase order(s).
 - (ii) 'G' schedule indicating various activities of works to be done with prices.

- (iii) Satisfactorily work completion certificate issued by concerned officer not below the rank of Executive Engineer in case of Govt. orders and of purchaser/owner in case of private orders.
- (d) In case of Joint Venture the Bid is to be evaluated by combination of various purchase orders /G-schedules/work completion certificate related to individual partners.

2. **BID CAPACITY**

- i) The bidders who meet the minimum qualification requirements / criteria specified at clause-1 above, are to be evaluated further for bid capacity as under:
 - A- Maximum annual turn over out of last three financial years i.e. year 2008-09, 2009-10 & 2010-11.
 - B- Value of existing commitments against various contracts which have already awarded by TW/SE(IT&CRP/JCC) circle and are likely to be awarded being first lowest responsive bidder.

Bid capacity = 2 x A – B
- (ii) The bidder will be post qualified only if his bid capacity is equal or more than the estimated cost of work in question. No contract will be awarded to the bidder lacking the financial and technical resources to undertake the work.
- (iii) In case of Joint Venture the maximum turn over is to be worked out by summation of the maximum annual turn over of last three financial years of both bidders.

For example:-

Participant	2008-09	2009-10	2010-11
X	5	3	2
Y	3	5	7

Maximum annual turn over of the Joint Venture would be taken as 9.

- (iv) The bidder is required to furnish the year wise turn over figure of these three years duly certified by a registered Chartered Accountant & duly supported by certified annual reports (balance sheets, Profit & Loss A/C etc.).
3. Bids could also be submitted by a joint venture of two or more firms as partners and shall comply with the following requirements: -

- (i) “The bid may be signed by the lead partner of the Joint Venture and in case of successful bid the ‘Form of Joint Venture agreement’ shall be signed by all the partners so as to be legally binding on all the partners.”
- (ii) One of the partners shall be nominated as being partner incharge (lead partner) and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners;
- (iii) The partner incharge shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partner of the joint venture and the entire execution of the contract including payment shall be done exclusively with the partner incharge (lead partner).
- (iv) “EMD, security deposit and performance guarantee of a Joint Venture be in the name of lead partner or in the name of the Joint Venture submitting the bid.”
- (v) All partners of the Joint Venture shall be liable jointly and severally for the execution of the contract in accordance with the contract terms and a statement to this effect shall be included in the authorization mentioned under (ii) above as well as in the form of bid and the form of agreement (in the case of a successful bid);
- (vi) In the event of any default by any partner/partners of Joint Venture, the other partner/partners shall accept the liability and execute the contract in full.
- (vii) Responsibilities in respect of execution of tendered work by the partner incharge(lead partner) as well as of each Joint Venture partner shall be clearly indicated in the JV agreement.
- (viii) The Joint Venture agreement shall not be cancelled or amended unilaterally without consent of the purchaser and a statement to this effect should appear in the JV agreement.
- (ix) A copy of the JV agreement entered into by the Joint Venture partners and registered at Jaipur shall be submitted with the bid; Alternatively a letter of intent to execute a JV agreement in the event of a successful bid shall be signed by all partners and submitted with the bid together with a copy of proposed

agreement. The JV agreement shall be required to be registered as per law in force of Rajasthan-India before signing of contract in all cases.

- (x) The partner incharge (lead partner) should be responsible for execution of the total requirement. The other partners are also responsible for execution of total requirement. In order for a Joint Venture or consortium to qualify, all partners (combination) must meet the qualification in full as per clause-1 & 2. Failure to comply with this requirement will result in rejection of the joint venture's bid.
 - (xi) A firm can submit only one bid in the same bidding process, either individually as a bidder or as a partner of a Joint Venture. A bidder who submits or participates in more than one bid will cause all the bids in which the bidder has participated to be disqualified.
 - (xii) Bids from agents are not acceptable in the case of Joint Venure and such bids will be treated as non-responsive.
 - (xiii) Each partner of the Joint Ventures should be registered vendor under Class E-I with the Chief Engineer (O&M-I)/ Chief Engineer (J/Z)/ Chief Engineer (RP/O&M)/ Dy.CE(RE & Plan), Jaipur Discom, Jaipur for being eligible to deposit ½% EMD as against normal 2% of Estimated Cost.
 - (xiv) The Joint Venture should furnish the relevant information and documents as specified under clause-1&2 above and should satisfy the various requirements stated in other clauses also.
4. (a) The bidder should satisfy the above qualification requirements to qualify for award of each package separately. To qualify for a package of contracts made up of this contract and other contracts for which bids have recently been invited, the bidder must demonstrate having experience and resources sufficient to meet the aggregate of the qualifying criteria for the individual package of all such contracts.
- (b) The bidder should have adequate financial stability and status to meet the financial obligations in pursuant to the scope of the works.

- (c) The bidder should have adequate plant and manufacturing capacity available with the manufacturers from whom required material is to be bought, to supply the material adequately and expeditiously within the time period specified. The documentary evidence shall consist of written details of the installed manufacturing capabilities and present commitments (excluding the work under this specification) of the bidder or his principal. If the present commitments are such that the installed capacity results in inadequacy of the manufacturing capacities to meet the requirement of equipment corresponding to this bid, then the details of alternative arrangements to be organized by the bidder for this purpose and which shall meet the Owner's approval, shall also be furnished.
 - (d) The bidder should have adequate field service organization to provide the necessary field erection and management services required to successfully erect, test and commission the equipment as required by the specifications and documents; and
 - (e) The bidder should have established quality assurance systems and organization designed with manufacturers supplying the material to achieve high levels of equipment reliability, both during manufacturing and field installation activities.
5. In addition, the qualification requirements stated in the accompanying technical specification for the works shall also apply.
 6. The above stated requirements are a minimum and the owner reserves the right to request for any additional requirement and also reserve the right to reject the proposal of any bidder, if in the opinion of the owner, the qualification data is incomplete or the bidder is found not qualified to satisfactorily perform the works.
 7. Notwithstanding anything stated above, the owner reserves the right to assess the capacity and capability of the bidder to execute the work, should the circumstances warrant such assessment in the overall interest of the Owner.