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DAMODAR VALLEY CORPORATION
COMMERCIAL DEPARTMENT
DVC TOWERS, VIP ROAD, KOLKATA-700 054
PHONE: 033-23557931, FAX: 033-23552129

Coml./PS/Bermo-Govindpur/BTPS/ 2029
GSTIN of DVC, Jharkhand : 20AABCD0541M1Z5

Date 22 SEP 2017

Serial No: PS/2017-18/003

Name of Applicant : M/s. Central Coalfields Limited

Address of Applicant : E&M Department; Darbhanga House; Ranchi- 834001.

GSTIN of Applicant : 20AAACC7476RHZT

Place of Supply : BTPS switchyard, Jharkhand.

Address of Delivery: Premises of M/s. Central Coalfields Limited in Jharkhand

To

The GM(E&M)/HOD.

M/s. Central Coalfields Limited

E&M Department; Darbhanga House;

Ranchi- 834001.

Construction Clearance

SUB: Supply of 16 MVA power at 33KV from BTPS Switchyard of DVC for the proposed Karo & Konar open cast coal mining project of CCL at Bermo, Govindpur, PS – Gandhi Nagar, PO – Sunday Bazar, Dist. Bokaro.

- Ref.: 1. Your application no. GM(B&K)/Secy/E&M/1076 dtd. 21.02.2008.
2. Our letter no. Coml./PS/CCL/Bermo-Govindpur/BTPS/3002 dt. 27.01.2015.
3. Our letter no. Coml./PS/CCL/Bermo-Govindpur/BTPS/529 dt. 15.05.2015.
4. Our letter no. Coml./PS/CCL/Bermo-Govindpur/BTPS/1134 dt. 17.07.17.
5. Your letter no. GM(E&M)/PS/Karo/SS/17/2887-96 dtd. 09.08.17.

Dear Sir,

We are in receipt of the following charges and GST from your end:

Total estimated charge/material cost deposited (Rs.)	Description of services	Accounting Code of Services	Amount of CGST deposited (@9% on Rs. 75,12,500.00) (Rs.)	Amount of SGST deposited (@9% on Rs. 75,12,500.00) (Rs.)
a) Rs. 6,75,14,283.00 deposited on 17.07.17 after statutory deduction of Rs. 13,82,444.00 b) Rs. 50,000.00 deposited on 22.08.12 as survey charge	Support services to Electricity Transmission & Distribution	998631	6,76,125.00	6,76,125.00

Since, you have already conveyed your unconditional acceptance towards Terms & Conditions as stipulated in our letters dtd. 27.01.2015 & 15.05.2015 (ref. 2 & 3 above), construction work for building up necessary infrastructure may be done as per following:

Power Supply Scheme:

Feed point	BTPS Switchyard
Bay allocation	From a dedicated bay at BTPS-B switchyard. Construction of the bay will be taken up after release of the construction clearance.
Line details	Through a dedicated line on multi-circuit towers upto your premises. Multi-circuit tower is proposed due to corridor constraints in the BTPS switchyard and due to difficult terrain conditions beyond the BTPS boundary. The total length of the line from the substation bay upto the terminal point at your premises is 5.275 Km. The portion of the line within the BTPS-B switchyard (0.265 Km) will be through 1C X 630 sq. mm. Al conductor. XLPE cable laid underground. Thereafter the line will be constructed with multi-circuit towers and AAA 37/3.15mm conductor. Rail crossings through 1C X 630sq. mm. Al conductor. XLPE cable laid underground. Crossing involved: 132KV line at one location. 33KV lines at four locations and 11Kv lines at three locations, road at one location, river crossing at two locations, railway crossing at one location. Forest involvement: About 3.035 Km of the line will pass through forest land. (No alteration route could be identified)
Terminal infrastructure	The terminal infrastructure will consist of a terminal isolator connected to a metering cum circuit breaker panel with 66KV cables. The terminal isolator will have to be installed outside the plant premises. The metering cum circuit breaker panel will be installed in a metering room of size 6MX7M adjacent to the main gate of your premises. 66KV cable will have to be used to extend the supply from the metering cum circuit breaker panel to the 33KV bus. Additional isolator will be required on your side if the cable is to be connected to AIS BUS.

अधीक्षण अभियंता (वि०)
Superintending Engineer (E)
प्रा.प्र.नि.०-III, दा.घा.नि.०, पंचेत
TSC-III, DVC Panchet

Please note the following:

1. The charges indicated above are an initial provisional estimate of the cost of line based on corporation guidelines. This does not purport to be the actual cost of the project.
2. The above estimated charges will constitute your initial payment.
3. Payment arising out of adjustment on account of variation between the currently estimated cost and cost on award shall be made by you within 30 -days of issue of demand for balance payment.
4. The final cost payable by you will be the actually executed cost plus the corresponding departmental overheads, service charges etc.
5. Advance payments beyond the initial deposits (awarded value of work) may be raised as and when required if during execution, the balance with DVC is found to be insufficient to cover the remaining portion of the work.
6. Construction of the line will be taken up by DVC as "Deposit Work" on cost plus basis. Since, the line will have to be routed through forest area, tender for the work will be taken up only after first stage of forest clearance is obtained.
7. The terminal arrangement has not been included in the charges to be paid by you considering that the terminal infrastructure will be constructed by you and the cost of such work will be borne by you.
8. You will have to pay **SECURITY Deposit** in the form of Bank Guarantee which is equivalent to 75 days estimated billing amount on the basis of CD as per prevailing Tariff in line with JSERC regulation before issuance of commercial clearance from DVC.
9. You will have to execute power supply agreement with DVC before commencement of supply of power.
10. If you back out, all the charges as deposited / to be deposited by you will be forfeited.
11. All formalities for statutory clearances from CEA, Forest Dept. and other agencies such as Highway authority, Railway authority etc and preparation of necessary documents will be initiated by DVC. You will have to assist DVC in pursuing the matter in the various Govt. Depts. as may be required for obtaining the permits.
12. All expenses that may be incurred in obtaining statutory clearances related to Forest, Wireless, River, Highway, Railway crossings will have to be borne by you. These have not been included in the estimate. Demand for such expenses will be raised by DVC.
13. Settlement of any disputes related to 'Right of Way' issues with public/ local authorities/ state authorities shall be rest with you. DVC will participate in the negotiations wherever necessary.
14. The assessment and payment on account of 'Right of Way', crop compensation, tree compensation land use compensation etc shall be done directly by you. Therefore, cost of ROW compensation has not been included in the estimate for the line.
15. The infrastructure to be constructed at your cost will however be owned, operated & maintained by DVC and DVC shall be entitled to supply power to other consumers from this infrastructure, so built.
16. You will have to share the cost of the common portion of the line/structure with other consumers on the feeder and same is to be settled by you with concerned consumer(s).
17. All equipment & materials must be procured from approved list of vendors as per DVC's specification and to be erected by you for the subject connection, as applicable.
18. You are requested to get in touch with the office of the CE (TSC), DVC, Maithon for matters related to supervision of the work related to construction of terminal infrastructure.
19. You are requested to get in touch with the office of the CE (SPE), DVC, Kolkata for matters related to specification of equipment for line and terminal infrastructure, design and engineering issues.

Yours faithfully,

[Signature]
21.09.17
Chief Engineer (Coml.)

Copy (NOO):

1. The Executive Director (Commercial), DVC, Kolkata.
2. The Executive Director (System), DVC, Kolkata.
3. The Sr. CE (System), DVC, Maithon.
4. The Chief Engineer (Trans), DVC, Maithon
5. The Chief Engineer (SPE), DVC, Kolkata. ---

It is requested to kindly make arrangement to release specification of the materials and DVC's vendor list to the consumer for construction of the line.

6. The Chief Engineer (TSC), DVC, Maithon.--

It is requested to kindly take up the construction work, as necessary, for building up the necessary infrastructure at the earliest.

7. The DCE (TSC), W/Z, DVC, Hazaribagh
8. The Sr. Manager (F), Cash, DVC, Kolkata
9. The Sr. Manager (F), W/A, DVC, Kolkata
10. The Sr. Manager (F), TSC, DVC, Panchet.
11. The Sr. Manager (F), RA, DVC, Kolkata.
12. The Sr. Manager (F), W/A, DVC, Kolkata.

*Copy forwarded to
SDE & DCE, TSC
Panchet.*

दिनांक 09/10/17

[Signature]
अधीक्षण अभियंता (वि०)
Superintending Engineer (F)
पा०प्र०नि०-III, दा०घा०नि०, पंचेत
TSC-III, DVC Panchet

[Signature]
09.10.17



DAMODAR VALLEY CORPORATION
OFFICE OF THE CHIEF ENGINEER (TSC)
P.O: MAITHON DAM, DIST: DHANBAD
JHARKHAND -828 207

PHONE/FAX:
06540-259412
PHONE:
06540-259403

No. CE / TSC / L-51/ 1214

Dated: February 06, 2016.

To
The Executive Engineer (E) & Divisional I/C,
TSC-IV, DVC,
Hazaribagh.

Sub: Approval of Route Profile for power supply to M/s. CCL Karo Konar Opencast Project.

Ref: Letter No. EDCON / SPM / NS-BTPS / 111 dated 22.01.2016 of the CE-I (SPE), DVC, Kolkata.

Dear Sir,

Enclosed please find herewith the photocopy of the letter under reference along with two sets of approved route profile (one in original) in connection with the 33KV line on multi-circuit towers for power supply arrangement mentioned under subject for your further necessary action please.

Encls. : As above(Two sets of route profile).

Yours faithfully,

(Signature)
(Sudhir Das)
Sr.Divl.Engineer (TSC) & HOO

Copy along with letter under reference to:

✓ The Dy. Chief Engineer (E), TSC (W/Z), DVC, Hazaribagh.

*copy forwarded to
EE & DI I, TSC-IV,
Panchet — Per N/A as
advised.*

(Signature)
अधीक्षण अभियंता (वि०)
Superintending Engineer (E)
पा०प्र०नि०-III, दा०घा०नि०, पंचेत
TSC-III, DVC Panchet

(Signature)
09.02.16

86
5/2/16
→ T. Kumar
Ply. direct
Date: 5/2/16

NC-37

दामोदर घाटी निगम, Damodar Valley Corporation

विद्युत् विभाग, Electricity Department

डीवीसी टावर्स, वीआईपी रोड, कोलकाता-54, DVC Towers, VIP Road, Kolkata-54

No. EDCON/SPE/NS-BTPS /- / / /

Date: January 22, 2016

To

The Chief Engineer (TSC)

DVC, Maithon

Subject : Approval of Route Profile for power supply to M/s CCL Karo Konar Opencast project

Ref : Letter No. CE/TSC/NS-CCL(Bermo)/627 DATED 29.08.2015

Dear Sir,

The route profile for a 33 KV line on multi-circuit towers for power supply to M/s CCL Karo Konar Opencast project has been checked and approved.

The location wise suggested tower type and body extensions are given below.

Sl	Loc no.	Tower type	Span (m)
1	AP-1/0	QC+0.0MBE	92.5
2	AP-2/0	QC+0.0MBE	119.5
3	AP-3/0	QB+3.0MBE	221
4	Loc-3/1	QA+6.0MBE having 1.7m raised plinth fdn (TOC @ 2.0m above GL)	197
5	AP-4/0	QC+3.0MBE	180
6	Loc-4/1	QA+0.0MBE	240
7	AP-5/0	QB+0.0MBE	210
8	AP-6/0	QB+0.0MBE	167
9	Loc-6/1	QA+6.0MBE	198
10	AP-7/0	QC+6.0MBE	205
11	AP-8/0	QC+0.0MBE	170
12	Loc-8/1	QA+6.0MBE having 0.7m raised plinth fdn (TOC @ 1.0m above GL)	215
13	Loc-8/2	QB+0.0MBE	245
14	AP-9/0	QB+6.0MBE	216
15	Loc-9/1	QB+6.0MBE having 0.7m raised plinth fdn (TOC @ 1.0m above GL)	148
16	Loc-9/2	QB+0.0MBE	250
17	AP-10/0	QB+6.0MBE	317

अधीक्षण अभियंता (वि०)
Superintending Engineer (E)
पा०प्र०नि०-III, दा०घा०नि०, पंचेत
TSC-III, DVC Panchet

18	AP-11/0	QA+6.0MBE having 1.7m raised plinth fdn (TOC @ 2.0m above GL)	250
19	AP-12/0	QC+0.0MBE with auxiliary crossarm	250
20	AP-13/0	QB+0.0MBE	41
21	Loc-13/1	QB+3.0MBE	292
22	Loc-13/2	QB+0.0MBE	310
23	Loc-13/3	QA+0.0MBE	250
24	AP-14/0	QC+3.0MBE	115
25	AP-15/0	QC+0.0MBE	110

Duly approved original route profile (in two sheets) for the subject power supply are enclosed.

A copy of the approved route profile may please be returned at this end for necessary record please.

Encl : As stated

Yours faithfully

For Chief Engineer-I (SPE)

Copy to:

- 1) The Dy. Chief Engineer (E), TSC, W/Z, DVC, Hazaribagh
- ✓ 2) The Sr. Divisional Engineer (E), TSC-III, DVC, Panchet

अधीक्षण अभियंता (वि०)
Superintending Engineer (E)
पा०प्र०नि०-III, दा०घा०नि०, पंचेत
TSC-III, DVC Panchet