



पावर ग्रिड कारपोरेशन आफ इन्डिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Northern Region-II, Regional Head Quarter, OB-26, GRID BHAWAN, Rail Head Complex, Jammu (J&K) - 180012, Ph. /Fax- 0191-2477395  
उत्तरी क्षेत्र 2 क्षेत्रीय मुख्य कार्यालय ओ वी 26 ग्रिड भवन रेल हैड कांप्लेक्स जम्मू 180 012 फोन 0191 2477395

पंजीकृत डाक। कोरियर

संदर्भ संख्या- एन 2 जे एम। के लो सू अ। 9760

दिनांक : 24.02.2014

सेवा मे

Shri Dharminder Kumar,  
S.O Sh. Kailash Chand,  
Village Tarala, P.O. Janghi  
Tehsil & Distt. Chamba  
(HP)- 176311

विषय- सूचना का अधिकार अधिनियम - 2005 के अंतर्गत मांगी गई जानकारी के सम्बंध में

महोदय,

This has reference to your application dated 29.01.2014 received in this office on 07.02.2014, seeking information under RTI Act- 2005. In this connection the information as received from the concerned quarter is enclosed for your information and further necessary action.

Encl.: As above.

AS  
24/02/14  
(आर एन सेन)

उप महा प्रबन्धक (के लोक सूचना अधिकारी)

Copy for information to

1. DGM, Vigilance, NR-II, Jammu.



पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड  
400/220 केवी, जी० आई० एन० पूलिंग स्टेशन  
चम्बा (हि०प्र०)  
अन्तर कार्यालय झापन

S. L. Shrivastava  
24/02/14

प्र. चक्र (वि. ई. प्र. सं. प्र. सं.)  
24/02/14

From: Dy. Manager (I/c), Chamba

To: **DGM (PESM & PIO), Jammu**

Ref : N2CBA/RTI/2013-14/

Date : 17/02/2014

1119

Subject: Information sought against RTI Act 2005

CC:- DGM (Vigilance), Jammu  
DGM (F&A), Jammu

Ref:- PESM/NR-II/6472 dt. 10.02.2014

This has a reference to RTI application submitted by Sh. Dharminder Kumar, S/o Sh. Kailash Chand, Vill. Tarala, PO Janghi, Teh. & Distt. Chamba forwarded to the undersigned vide above referred IOM. The following documents are hereby enclosed with this IOM in line with the information sought by the applicant:-

1. Payment details as per the quantity measured & Joint Measurement Certificate for the revetment work of tower locations 16/0, 14/0, 14A/0, 13/0 & 12/0 of 220 kV Line (As downloaded from e-billing site) (9 Pages)
2. Payment details as per the quantity measured & Joint Measurement Certificate for the revetment work of tower locations 14/0 of 400 kV Line (As downloaded from e-billing site) (2 Pages)

This is for your kind information please.

2091112  
17/02/14  
(Rajiv Kumar)

**For 400 kV DC Chamera Pooling Station -Jalandhar Transmission Line(Part-I)**

Year wise detail of revetment work carried out of 400kV D/C Chamba to Jalandhar Transmission line  
 Details of RTI information sought by Sh. Dharminder Kurar /o Sh. Kailash Chand, Vill Tarala, PO Janghi, Tehsil & Disttt.  
 Chamba

Year	Location NO.	Item Description	Quantity in Cum	Rate / Cum	Total Amount
2010	14-0	Revetment	Nil		Nil
2011	14-0	Revetment	Nil		Nil
2012	14-0	Revetment	Nil		Nil
2013	14-0	Revetment RRM (1.5)	58.86	2698	158804.28
2014	14-0	Revetment Top seal (1:2:4)	.59	6911	4077.49
		Revetment	Nil		Nil

- 1 Information available with this office is as mentioned above.
- 2 Work Awarded to M/S KEC International Limited, Gurgoan

*wf sm*  
 11/12/2014



**220 kV Chamera -III to Chamera GIS T/L**

**YEAR WISE DETAIL OF REVETMENT QUANTITIES OF ABOVE T/L AS SOUGHT BY SH. DHARMENDER KUMAR S.O. SH. KAILASH CHAND VILL. - TARALA, P.O.-JANGHI. TEHSIL & DISTRICT CHAMBA H.P.**

S.N.	year	LOCATION NO.	Item description	QTY. (Cum.)	Rate/Cum.	Amount
1	2010	12/0	REVETMENT	NIL	NIL	NIL
	2011	12/0	RRM (1:5)	122.45	2698	330370.1
	2011	12/0	Top Seal (1:2:4)	0.43	6912	2972.16
	2012	12/0	RRM (1:5)	86.16	2698	232459.68
	2012	12/0	Top Seal (1:2:4)	0.57	6912	3939.84
	2012	12/0	RRM (1:5)	99.65	2698	268855.7
	2012	12/0	Top Seal (1:2:4)	0.63	6912	4354.56
	2013	12/0	REVETMENT	NIL	NIL	NIL
	2014	12/0	REVETMENT	NIL	NIL	NIL
2	2010	13/0	REVETMENT	NIL	NIL	NIL
	2011	13/0	RRM (1:5)	110.84	2698	299046.32
	2011	13/0	Top Seal (1:2:4)	0.61	6912	4216.32
	2012	13/0	RRM (1:5)	75.55	2698	203833.9
	2012	13/0	Top Seal (1:2:4)	0.44	6912	3041.28
	2012	13/0	RRM (1:5)	135.53	2698	365659.94
	2012	13/0	Top Seal (1:2:4)	1.56	6912	10782.72
	2013	13/0	REVETMENT	NIL	NIL	NIL
	2014	13/0	REVETMENT	NIL	NIL	NIL
3	2010	14/0	REVETMENT	NIL	NIL	NIL
	2011	14/0	RRM (1:5)	70.82	2698	191072.36
	2011	14/0	Top Seal (1:2:4)	0.55	6912	3801.6
	2012	14/0	RRM (1:5)	99.97	2698	269719.06
	2012	14/0	Top Seal (1:2:4)	0.73	6912	5045.76
	2013	14/0	REVETMENT	NIL	NIL	NIL
	2014	14/0	REVETMENT	NIL	NIL	NIL
4	2010	14A/0	REVETMENT	NIL	NIL	NIL
	2011	14A/0	RRM (1:5)	144.34	2698	389429.32
	2011	14A/0	Top Seal (1:2:4)	0.9	6912	6220.8
	2012	14A/0	REVETMENT	NIL	NIL	NIL
	2013	14A/0	REVETMENT	NIL	NIL	NIL
	2014	14A/0	REVETMENT	NIL	NIL	NIL
5	2010	16/0	REVETMENT	NIL	NIL	NIL
	2011	16/0	RRM (1:5)	154.7	2698	417380.6
	2011	16/0	Top Seal (1:2:4)	0.86	6912	5944.32
	2012	16/0	REVETMENT	NIL	NIL	NIL
	2013	16/0	REVETMENT	NIL	NIL	NIL
	2014	16/0	REVETMENT	NIL	NIL	NIL

(1) Information available with this office as mentioned above.

(2) Work Awarded to M/s KEC International Ltd., Gurgaon.

*[Signature]*  
17/02/14


**220 kV Chamera -III to Chamera GIS T/L**

**YEAR WISE DETAIL OF REVETMENT QUANTITIES OF ABOVE T/L AS SOUGHT BY SH. DHARMENDER KUMAR S.O. SH. KAILASH CHAND VILL. - TARALA, P.O.-JANGHI. TEHSIL & DISTRICT CHAMBA H.P.**

S.N.	year	LOCATION NO.	Item description	QTY. (Cum.)	Rate/Cum.	Amount
1	2010	12/0	REVETMENT	NIL	NIL	NIL
	2011	12/0	RRM (1:5)	122.45	2698	330370.1
	2011	12/0	Top Seal (1:2:4)	0.43	6912	2972.16
	2012	12/0	RRM (1:5)	86.16	2698	232459.68
	2012	12/0	Top Seal (1:2:4)	0.57	6912	3939.84
	2012	12/0	RRM (1:5)	99.65	2698	268855.7
	2012	12/0	Top Seal (1:2:4)	0.63	6912	4354.56
	2013	12/0	REVETMENT	NIL	NIL	NIL
	2014	12/0	REVETMENT	NIL	NIL	NIL
2	2010	13/0	REVETMENT	NIL	NIL	NIL
	2011	13/0	RRM (1:5)	110.84	2698	299046.32
	2011	13/0	Top Seal (1:2:4)	0.61	6912	4216.32
	2012	13/0	RRM (1:5)	75.55	2698	203833.9
	2012	13/0	Top Seal (1:2:4)	0.44	6912	3041.28
	2012	13/0	RRM (1:5)	135.53	2698	365659.94
	2012	13/0	Top Seal (1:2:4)	1.56	6912	10782.72
	2013	13/0	REVETMENT	NIL	NIL	NIL
	2014	13/0	REVETMENT	NIL	NIL	NIL
3	2010	14/0	REVETMENT	NIL	NIL	NIL
	2011	14/0	RRM (1:5)	70.82	2698	191072.36
	2011	14/0	Top Seal (1:2:4)	0.55	6912	3801.6
	2012	14/0	RRM (1:5)	99.97	2698	269719.06
	2012	14/0	Top Seal (1:2:4)	0.73	6912	5045.76
	2013	14/0	REVETMENT	NIL	NIL	NIL
	2014	14/0	REVETMENT	NIL	NIL	NIL
4	2010	14A/0	REVETMENT	NIL	NIL	NIL
	2011	14A/0	RRM (1:5)	144.34	2698	389429.32
	2011	14A/0	Top Seal (1:2:4)	0.9	6912	6220.8
	2012	14A/0	REVETMENT	NIL	NIL	NIL
	2013	14A/0	REVETMENT	NIL	NIL	NIL
	2014	14A/0	REVETMENT	NIL	NIL	NIL
5	2010	16/0	REVETMENT	NIL	NIL	NIL
	2011	16/0	RRM (1:5)	154.7	2698	417380.6
	2011	16/0	Top Seal (1:2:4)	0.86	6912	5944.32
	2012	16/0	REVETMENT	NIL	NIL	NIL
	2013	16/0	REVETMENT	NIL	NIL	NIL
	2014	16/0	REVETMENT	NIL	NIL	NIL

(1) Information available with this office as mentioned above.

(2) Work Awarded to M/s KEC International Ltd., Gurgaon.

  
17/02/14

## JOINT MEASUREMENT CERTIFICATE WITH TC

NAME OF CAO : chamba

NAME OF WORK : CONST OF 220 KV CHAMERA-III-CP STN TL &amp; 400 KV CHAMERA-JALLANDHAR TL

LOA NO &amp; DATE : C-22502-L.195A-3/LOA-II/2661 DTD.14/10/2008

NAME OF CONTRACTOR : M/S KEC INTERNATIONAL LTD.,GURGAON

JMC REFERENCE NO : CBA220TL-Revet-JMC-2

JMCCODE : N22300910105JMC296

DATE : 12/20/2011

DESCRIPTION : JMC-67-220TL-Revetment-02

UPLOADED BY (EmpNo,Name,GroupName) : 16587 , DINESH KUMAR RANHOTRA ,

TCC II BY (EmpNo,Name,Date) : 16587 , DINESH KUMAR RANHOTRA , 12-21-2011

TCC III BY (EmpNo,Name,Date) : 00549 , Manish Sharma , 12-22-2011



No	Item ID	Item Description	Unit	Size	Unit Wt	Nos/Ls	Length	Breadth	Height/Depth	Quantity	Cum.Qty	TC II Qty	TC II Remarks	TC III Qty	TC III Remarks
1		For 220 kv DC (twin Moose) Chamera - III to Chamera Pooling Station Transmission Line(Part-I)										0		0	
2		Protection of tower footings (supply & installation)										0		0	
3	N22300910105-15	Random Rubble stone massonary including excavation (1:5 cement mortal)	Cum							0	0	0		0	
4		Loc No. 24-0 DB+3-LE SZ				150.530				150.53	150.53	98.15		60	
5		Loc No. 15 - 0 DC+3-LE SZ				112.180				112.18	262.71	58.5		0	
6		Loc No. 12-0 DC+6-LE SZ				122.450				122.45	385.16	61.83		0	
7		Loc No. 16-0 DB+3-LE SZ				154.700				154.7	539.86	84.22		0	
8												0		0	
9	N22300910105-17	M150 (1:2:4) mixed concrete for top seal cover of revetment	Cum							0	0	0		0	
10		Loc No. 24-0 DB+3-LE SZ				0.920				0.92	0.92	0.78		0.5	
11		Loc No. 15 - 0 DC+3-LE SZ				0.890				0.89	1.81	0.75		0	
12		Loc No. 12-0 DC+6-LE SZ				0.430				0.43	2.24	0.35		0	
13		Loc No. 16-0 DB+3-LE SZ				0.860				0.86	3.1	0.65		0	
14												0		0	
15	N22300910105-18	Back filling and gap levelling of volumes enclosed by revetment	Cum							0	0	0		0	
16		Loc No. 24-0 DB+3-LE SZ				0.00				0	0	0		0	
17		Loc No. 15 - 0 DC+3-LE SZ				0.00				0	0	0		0	
18		Loc No. 12-0 DC+6-LE SZ				0.00				0	0	0		0	
19		Loc No. 16-0 DB+3-LE SZ				0.00				0	0	0		0	
20												0		0	

Seal & Sign (Contractor)  
M/S KEC INTERNATIONAL  
LTD.,GURGAON

Seal & Sign (Uploaded By)  
16587  
DINESH KUMAR  
RANHOTRA

Seal & Sign (Signed By)  
15189  
CHATRU RAM

Seal & Sign (TCC II By)  
16587  
DINESH KUMAR  
RANHOTRA

Seal & Sign (TCC III By)  
00549  
Manish Sharma

*[Signature]*  
17/2/14

## JOINT MEASUREMENT CERTIFICATE WITH TC

NAME OF CAO : chamba

NAME OF WORK : CONST OF 220 KV CHAMERA-III-CP STN TL &amp; 400 KV CHAMERA-JALLANDHAR TL

LOA NO &amp; DATE : C-22502-L195A-3/LOA-II/2661 DTD.14/10/2008

NAME OF CONTRACTOR : M/S KEC INTERNATIONAL LTD.,GURGAON

JMC REFERENCE NO : CBA220TL-13-0-Revet-JMC-3

JMCCODE : N22300910105JMC300

DATE : 12/20/2011

DESCRIPTION : JMC-71-220TL-Revetment-03

UPLOADED BY (EmpNo,Name,GroupName) : 16587 , DINESH KUMAR RANHOTRA ,

TCC II BY (EmpNo,Name,Date) : 16587 , DINESH KUMAR RANHOTRA , 12-21-2011

TCC III BY (EmpNo,Name,Date) : 00549 , Manish Sharma , 12-22-2011



Sl. No.	Item ID	Item Description	Unit	Size	Unit Wt	Nos/Ls	Length	Breadth	Height/Depth	Quantity	Cum. Qty	TC II Qty	TC II Remarks	TC III Qty	TC III Remarks
1		For 220 kV DC (twin Moose) Chamera - III to Chamera Pooling Station Transmission Line(Part-I)										0		0	
2		Protection of tower footings (supply & installation)										0		0	
3	N22300910105-15	Random Rubble stone masonry including excavation (1:5 cement mortal)	Cum							0	0	0		0	
4		Loc No. 13-0 DC+3-LE SZ				110.840				110.84	110.84	85		15	
5												0		0	
6	N22300910105-17	M150 (1:2:4) mixed concrete for top seal cover of revetment	Cum							0	0	0		0	
7		Loc No. 13-0 DC+3-LE SZ				0.610				0.61	0.61	0.55		0.1	
8												0		0	
9	N22300910105-18	Back filling and gap levelling of volumes enclosed by revetment	Cum							0	0	0		0	
10		Loc No. 13-0 DC+3-LE SZ				0.00				0	0	0		0	
11												0		0	

Seal & Sign (Contractor)  
M/S KEC INTERNATIONAL  
LTD.,GURGAON

Seal & Sign (Uploaded By)  
16587  
DINESH KUMAR  
RANHOTRA

Seal & Sign (Signed By)  
15189  
CHATRU RAM

Seal & Sign (TCC II By)  
16587  
DINESH KUMAR  
RANHOTRA

Seal & Sign (TCC III By)  
00549  
Manish Sharma



## JOINT MEASUREMENT CERTIFICATE WITH TC

NAME OF CAO : chamba

NAME OF WORK : CONST OF 220 KV CHAMERA-III-CP STN TL &amp; 400 KV CHAMERA-JALLANDHAR TL

LOA NO &amp; DATE : C-22502-L195A-3/LOA-II/2661 DTD.14/10/2008

NAME OF CONTRACTOR : M/S KEC INTERNATIONAL LTD.,GURGAON

JMC REFERENCE NO : CBA220TL-24-0-Revet-JMC-4

JMCCODE : N22300910105JMC306

DATE : 1/3/2012

DESCRIPTION : JMC-73-220TL-Revetment-04

UPLOADED BY (EmpNo,Name,GroupName) : 16587 , DINESH KUMAR RANHOTRA ,

TCC II BY (EmpNo,Name,Date) : 16587 , DINESH KUMAR RANHOTRA , 01-03-2012

TCC III BY (EmpNo,Name,Date) : 00549 , Manish Sharma , 01-20-2012



No	Item ID	Item Description	Unit	Size	Unit Wt	Nos/Ls	Length	Breadth	Height/Depth	Quantity	Cum. Qty	TC II Qty	TC II Remarks	TC III Qty	TC III Remarks
1		For 220 kV DC (twin Moose) Chamera - III to Chamera Pooling Station Transmission Line(Part-I)										0		0	
2		Protection of tower footings (supply & installation)										0		0	
3	N22300910105-15	Random Rubble stone massonary including excavation (1:5 cement mortal)	Cum							0	0	0		0	
4		Loc No. 1A-0 DD+3-LE SZ				438.860				438.86	438.86	140		60	
5		Loc No. 14 - 0 DB+3-LE SZ				70.820				70.82	509.68	21.5		0	
6		Loc No. 17- 0 DB+6-LE SZ				89.950				89.95	599.63	27		0	
7												0		0	
8	N22300910105-17	M150 (1:2:4) mixed concrete for top seal cover of revetment	Cum							0	0	0		0	
9		Loc No. 1A-0 DD+3-LE SZ				2.260				2.26	2.26	0.678		0.5	
10		Loc No. 14 - 0 DB+3-LE SZ				0.550				0.55	2.81	0.165		0	
11		Loc No. 17- 0 DB+6-LE SZ				0.900				0.9	3.71	0.27		0	
12												0		0	
13	N22300910105-18	Back filling and gap levelling of volumes enclosed by revetment	Cum							0	0	0		0	
14		Loc No. 1A-0 DD+3-LE SZ				0.00				0	0	0		0	
15		Loc No. 14 - 0 DB+3-LE SZ				0.00				0	0	0		0	
16		Loc No. 17- 0 DB+6-LE SZ				0.00				0	0	0		0	
17												0		0	

Seal & Sign (Contractor)  
M/S KEC INTERNATIONAL  
LTD.,GURGAON

Seal & Sign (Uploaded By)  
16587  
DINESH KUMAR  
RANHOTRA

Seal & Sign (Signed By)  
15189  
CHATRU RAM

Seal & Sign (TCC II By)  
16587  
DINESH KUMAR  
RANHOTRA

Seal & Sign (TCC III By)  
00549  
Manish Sharma

## JOINT MEASUREMENT CERTIFICATE WITH TC

NAME OF CAO : chamba

NAME OF WORK : CONST OF 220 KV CHAMERA-III-CP STN TL &amp; 400 KV CHAMERA-JALLANDHAR TL

LOA NO &amp; DATE : C-22502-L195A-3/LOA-II/2661 DTD.14/10/2008

NAME OF CONTRACTOR : M/S KEC INTERNATIONAL LTD.,GURGAON

JMC REFERENCE NO : CBA220TL-24-0-Revet-JMC-5

JMCCODE : N22300910105JMC309

DATE : 1/22/2012

DESCRIPTION : JMC-76-220TL-Revetment-05

UPLOADED BY (EmpNo,Name,GroupName) : 16587 , DINESH KUMAR RANHOTRA ,

TCC II BY (EmpNo,Name,Date) : 16587 , DINESH KUMAR RANHOTRA , 01-22-2012

TCC III BY (EmpNo,Name,Date) : 00549 , Manish Sharma , 01-23-2012



No	Item ID	Item Description	Unit	Size	Unit Wt	Nos/Ls	Length	Breadth	Height/Depth	Quantity	Cum.Qty	TC II Qty	TC II Remarks	TC III Qty	TC III Remarks
1		For 220 kV DC (twin Moose) Chamera - III. to Chamera Pooling Station Transmission Line(Part-I)										0		0	
2		Protection of tower footings (supply & installation)										0		0	
3	N22300910105-15	Random Rubble stone masonry including excavation (1:5 cement mortar)	Cum							0	0	0		0	
4		Loc No. 22- 0 DB+6-LE SZ				197.690				197.69	197.69	53.5		100	
5		Loc No. 3- 0 DD+6-LE SZ				461.510				461.51	659.2	129		0	
6		Loc No. 19- 0 DB+3-LE SZ				181.680				181.68	840.88	50.85		0	
7		Loc No. 29- 0 DD+3-LE SZ				450.240				450.24	1291.12	126		0	
8		Loc No. 1A- 0 DD+3-LE SZ -BW				149.600				149.6	1440.72	41.5		100	
9		Loc No. 9- 0 DD+3-LE SZ				192.320				192.32	1633.04	52		0	
10		Loc No. 14A- 0 DB+3-LE SZ				144.340				144.34	1777.38	40.5		0	
11		Loc No. 32- 0 DC+6-LE SZ				80.610				80.61	1857.99	22.5		0	
12												0		0	
13	N22300910105-17	M150 (1:2:4) mixed concrete for top seal cover of revetment	Cum							0	0	0		0	
14		Loc No. 22- 0 DB+6-LE SZ				1.050				1.05	1.05	0.294		0.5	
15		Loc No. 3- 0 DD+6-LE SZ				1.870				1.87	2.92	0.523		0	
16		Loc No. 19- 0 DB+3-LE SZ				0.780				0.78	3.7	0.218		0	
17		Loc No. 29- 0 DD+3-LE SZ				1.590				1.59	5.29	0.445		0	
18		Loc No. 1A- 0 DD+3-LE SZ -BW				0.590				0.59	5.88	0.165		0.5	
19		Loc No. 9- 0 DD+3-LE SZ				1.220				1.22	7.1	0.341		0	
20		Loc No. 14A- 0 DB+3-LE SZ				0.900				0.9	8	0.252		0	
21		Loc No. 32- 0 DC+6-LE SZ				0.830				0.83	8.83	0.232		0	
22												0		0	
23	N22300910105-18	Back filling and gap levelling of volumes enclosed by revetment	Cum							0	0	0		0	
24		Loc No. 22- 0 DB+6-LE SZ				0.00				0	0	0		0	
25		Loc No. 3- 0 DD+6-LE SZ				0.00				0	0	0		0	
26		Loc No. 19- 0 DB+3-LE SZ				0.00				0	0	0		0	
27		Loc No. 29- 0 DD+3-LE SZ				0.00				0	0	0		0	
28		Loc No. 1A- 0 DD+3-LE SZ -BW				0.00				0	0	0		0	
29		Loc No. 9- 0 DD+3-LE SZ				0.00				0	0	0		0	
30		Loc No. 14A- 0 DB+3-LE SZ				0.00				0	0	0		0	
31		Loc No. 32- 0 DC+6-LE SZ				0.00				0	0	0		0	
32												0		0	

Seal & Sign (Contractor)  
M/S KEC INTERNATIONAL  
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Seal & Sign (Uploaded By)  
16587  
DINESH KUMAR RANHOTRA

Seal & Sign (Signed By)  
15189  
CHATRU RAM

Seal & Sign (TCC II By)  
16587  
DINESH KUMAR RANHOTRA

Seal & Sign (TCC III By)  
00549  
Manish Sharma

## JOINT MEASUREMENT CERTIFICATE WITH TC

NAME OF CAO : chamba

NAME OF WORK : CONST OF 220 KV CHAMERA-III-CP STN TL &amp; 400 KV CHAMERA-JALLANDHAR TL

LOA NO &amp; DATE : C-22502-L195A-3/LOA-II/2661 DTD.14/10/2008

NAME OF CONTRACTOR : M/S KEC INTERNATIONAL LTD.,GURGAON

JMC REFERENCE NO : CBA220TL-Revet-JMC-7

JMCCODE : N22300910105JMC331

DATE : 6/27/2012

DESCRIPTION : JMC-83-220TL-Revetment-07

UPLOADED BY (EmpNo,Name,GroupName) : 16587 , DINESH KUMAR RANHOTRA ,

TCC II BY (EmpNo,Name,Date) : 16587 , DINESH KUMAR RANHOTRA , 06-27-2012

TCC III BY (EmpNo,Name,Date) : 00549 , Manish Sharma , 06-28-2012



No	Item ID	Item Description	Unit	Size	Unit Wt	Nos/Ls	Length	Breadth	Height/Depth	Quantity	Cum.Qty	TC II Qty	TC II Remarks	TC III Qty	TC III Remarks
1		For 220 kV DC (twin Moose) Chamera - III to Chamera Pooling Station Transmission Line(Part-I)										0		0	
2		Protection of tower footings (supply & installation)										0		0	
3	N22300910105-15	Random Rubble stone masonry including excavation (1:5 cement mortal)	Cum							0	0	0		0	
4		Loc No. 10 - 0 DB+3-LE SZ				161.460				161.46	161.46	46		0	
5		Loc No. 11 - 0 DC+3-LE SZ				52.200				52.2	213.66	16		0	
6		Loc No. 12 - 0 DC+6-LE SZ				86.160				86.16	299.82	25		0	
7		Loc No. 13 - 0 DC+3-LE SZ				75.550				75.55	375.37	23		0	
8		Loc No. 21-0- DC+6-LE SZ (R-Wall)				85.340				85.34	460.71	27		60	
9		Loc No. 21-0- DC+6-LE SZ (B-Wall)				246.570				246.57	707.28	73		0	
10		Loc No. 30 - 0 DC+3-LE SZ				121.390				121.39	828.67	36.5		105	
11		Loc No. 31 - 0 DC+3-LE SZ				153.340				153.34	982.01	46		115	
12												0		0	
13	N22300910105-17	M150 (1:2:4) mixed concrete for top seal cover of revetment	Cum							0	0	0		0	
14		Loc No. 10 - 0 DB+3-LE SZ				0.550				0.55	0.55	0.137		0	
15		Loc No. 11 - 0 DC+3-LE SZ				0.330				0.33	0.88	0.08		0	
16		Loc No. 12 - 0 DC+6-LE SZ				0.570				0.57	1.45	0.14		0	
17		Loc No. 13 - 0 DC+3-LE SZ				0.440				0.44	1.89	0.12		0	
18		Loc No. 21-0- DC+6-LE SZ (R-Wall)				0.440				0.44	2.33	0.12		0.4	
19		Loc No. 21-0- DC+6-LE SZ (B-Wall)				0.810				0.81	3.14	0.21		0	
20		Loc No. 30 - 0 DC+3-LE SZ				0.550				0.55	3.69	0.14		0.5	
21		Loc No. 31 - 0 DC+3-LE SZ				0.680				0.68	4.37	0.18		0.6	
22												0		0	
23	N22300910105-18	Back filling and gap levelling of volumes enclosed by revetment	Cum							0	0	0		0	
24		Loc No. 10 - 0 DB+3-LE SZ				0.00				0	0	0		0	
25		Loc No. 11 - 0 DC+3-LE SZ				0.00				0	0	0		0	
26		Loc No. 12 - 0 DC+6-LE SZ				0.00				0	0	0		0	
27		Loc No. 13 - 0 DC+3-LE SZ				0.00				0	0	0		0	
28		Loc No. 21-0- DC+6-LE SZ (R-Wall)				0.00				0	0	0		0	
29		Loc No. 21-0- DC+6-LE SZ (B-Wall)				0.00				0	0	0		0	
30		Loc No. 30 - 0 DC+3-LE SZ				0.00				0	0	0		0	
31		Loc No. 31 - 0 DC+3-LE SZ				0.00				0	0	0		0	
32												0		0	

Seal & Sign (Contractor)  
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LTD.,GURGAON

Seal & Sign (Uploaded By)  
16587  
DINESH KUMAR RANHOTRA

Seal & Sign (Signed By)  
15189  
CHATRU RAM

Seal & Sign (TCC II By)  
16587  
DINESH KUMAR RANHOTRA

Seal & Sign (TCC III By)  
00549  
Manish Sharma

## JOINT MEASUREMENT CERTIFICATE WITH TC

/E OF CAO : chamba

/AME OF WORK : CONST OF 220 KV CHAMERA-III-CP STN TL &amp; 400 KV CHAMERA-JALLANDHAR TL

LOA NO &amp; DATE : C-22502-L195A-3/LOA-II/2661 DTD.14/10/2008

NAME OF CONTRACTOR : M/S KEC INTERNATIONAL LTD ,GURGAON

JMC REFERENCE NO : CBA220TL-Revet-JMC-10

JMCCODE : N22300910105JMC364

DATE : 11/21/2012

DESCRIPTION : Revetment-10-220kV

UPLOADED BY (EmpNo,Name,GroupName) : 16587 , DINESH KUMAR RANHOTRA ,

TCC II BY (EmpNo,Name,Date) : 16587 , DINESH KUMAR RANHOTRA , 11-21-2012

TCC III BY (EmpNo,Name,Date) : 00549 , Manish Sharma , 12-06-2012



No	Item ID	Item Description	Unit	Size	Unit Wt	Nos/Ls	Length	Breadth	Height/Depth	Quantity	Cum.Qty	TC II Qty	TC II Remarks	TC III Qty	TC III Remarks
1		For 220 kV DC (twin Moose) Chamera - III to Chamera Pooling Station Transmission Line (Part-I)										0		0	
		Protection of tower footings (supply & installation)										0		0	
3	N22300910105-15	Random Rubble stone masonry including excavation (1.5 cement mortal)	Cum							0	0	0		0	
4		Loc No. 10 - 0 DB+3-LE SZ - (BW)				71.59				71.59	71.59	18		0	
5		Loc No. 27 - 0 DC+3-LE SZ (R WALL & B WALL)				316.18				316.18	387.77	82		0	
6		Loc No. 29 - 0 DD+3-LE SZ (BW)				260.99				260.99	648.76	68		0	
7		Loc No. 38-0- DC+3-LE SZ (R-Wall & B Wall)				309.95				309.95	958.71	78		200	
8		Loc No. 2 - 0 DB+6-LE SZ (R-Wall & B Wall)				292.18				292.18	1250.89	76		0	
9		<del>Loc No. 12 - 0 DC+6-LE SZ (BW)</del>				<del>99.65</del>				<del>99.65</del>	1350.54	26		0	
10		Loc No. 7 - 0 DD+3-LE SZ (RW)				125.25				125.25	1475.79	32.5		0	
11		<del>Loc No. 13 - 0 DC+3-LE SZ (BW)</del>				<del>135.53</del>				<del>135.53</del>	1611.32	36		0	
12		Loc No. 15 - 0 DC+3-LE SZ (Additional RW)				54.81				54.81	1666.13	15		0	
13		Loc No. 22 - 0 DB+3-LE SZ (Muck Protection)				110.95				110.95	1777.08	28		0	
14												0		0	
15	N22300910105-17	M150 (1:2:4) mixed concrete for top seal cover of revetment	Cum							0	0	0		0	
16		Loc No. 10 - 0 DB+3-LE SZ - (BW)				0.490				0.49	0.49	0.12		0	
17		Loc No. 27 - 0 DC+3-LE SZ (R WALL & B WALL)				2.450				2.45	2.94	0.61		0	
18		Loc No. 29 - 0 DD+3-LE SZ (BW)				1.560				1.56	4.5	0.4		0	
19		Loc No. 38-0- DC+3-LE SZ (R-Wall & B Wall)				1.810				1.81	6.31	0.47		1.5	
20		Loc No. 2 - 0 DB+6-LE SZ (R-Wall & B Wall)				1.410				1.41	7.72	0.35		0	
21		<del>Loc No. 12 - 0 DC+6-LE SZ (BW)</del>				<del>0.630</del>				<del>0.63</del>	8.35	0.16		0	
22		Loc No. 7 - 0 DD+3-LE SZ (RW)				0.780				0.78	9.13	0.2		0	
23		<del>Loc No. 13 - 0 DC+3-LE SZ (BW)</del>				<del>1.560</del>				<del>1.56</del>	10.69	0.4		0	
24		Loc No. 15 - 0 DC+3-LE SZ (Additional RW)				0.350				0.35	11.04	0.09		0	
25		Loc No. 22 - 0 DB+3-LE SZ (Muck Protection)				1.040				1.04	12.08	0.27		0	
26												0		0	
27	N22300910105-18	Back filling and gap levelling of volumes enclosed by revetment	Cum							0	0	0		0	
28		Loc No. 10 - 0 DB+3-LE SZ - (BW)				0.00				0	0	0		0	
29		Loc No. 27 - 0 DC+3-LE SZ (R WALL & B WALL)				0.00				0	0	0		0	
30		Loc No. 29 - 0 DD+3-LE SZ (BW)				0.00				0	0	0		0	
31		Loc No. 38-0- DC+3-LE SZ (R-Wall & B Wall)				0.00				0	0	0		0	
32		Loc No. 2 - 0 DB+6-LE SZ (R-Wall & B Wall)				0.00				0	0	0		0	
33		Loc No. 12 - 0 DC+6-LE SZ (BW)				0.00				0	0	0		0	
34		Loc No. 7 - 0 DD+3-LE SZ (RW)				0.00				0	0	0		0	
35		Loc No. 13 - 0 DC+3-LE SZ (BW)				0.00				0	0	0		0	
36		Loc No. 15 - 0 DC+3-LE SZ (Additional RW)				0.00				0	0	0		0	
37		Loc No. 22 - 0 DB+3-LE SZ (Muck Protection)				0.00				0	0	0		0	
38												0		0	

Seal & Sign (Contractor)  
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Seal & Sign (Uploaded By)  
16587  
DINESH KUMAR RANHOTRA

Seal & Sign (Signed By)  
15189  
CHATRU RAM

Seal & Sign (TCC II By)  
16587  
DINESH KUMAR RANHOTRA

Seal & Sign (TCC III By)  
00549  
Manish Sharma

*[Handwritten Signature]*  
17/12/14

## JOINT MEASUREMENT CERTIFICATE WITH TC

NAME OF CAO : chamba  
 NAME OF WORK : CONST OF 220 KV CHAMERA-III-CP STN TL & 400 KV CHAMERA-JALLANDHAR TL  
 LOA NO & DATE : C-22502-L195A-3/LOA-II/2661 DTD.14/10/2008  
 NAME OF CONTRACTOR : M/S KEC INTERNATIONAL LTD.,GURGAON  
 JMC REFERENCE NO : CBA220TL-Revet-JMC-11  
 JMCCODE : N22300910105JMC372  
 DATE : 12/18/2012  
 DESCRIPTION : JMC-90-220TL-Revetment-11  
 UPLOADED BY (EmpNo,Name,GroupName) : 16587 , DINESH KUMAR RANHOTRA ,  
 TCC II BY (EmpNo,Name,Date) : 16587 , DINESH KUMAR RANHOTRA , 12-18-2012  
 TCC III BY (EmpNo,Name,Date) : 00549 , Manish Sharma , 01-08-2013



No	Item ID	Item Description	Unit	Size	Unit Wt	Nos/Ls	Length	Breadth	Height/Depth	Quantity	Cum. Qty	TC II Qty	TC II Remarks	TC III Qty	TC III Remarks
1		For 220 kV DC (twin Moose) Chamera - III to Chamera Pooling Station Transmission Line(Part-I)										0		0	
2		Protection of tower footings (supply & installation)										0		0	
3	N22300910105-15	Random Rubble stone masonry including excavation (1:5 cement mortar)	Cum							0	0	0		0	
4		Loc No. 18 - 0 DC+6-LE SZ - (R WALL & B WALL)				304.170				304.17	304.17	85.5		0	
5		Loc No. 1 - 0 DDE+)-LE SZ (RW)				190.470				190.47	494.64	54		175	
6		Loc No. 17 - 0 DB+6-LE SZ (B WALL)				272.540				272.54	767.18	74		0	
7		<del>Loc No. 14 - 0 DB+3-LE SZ (BW)</del>				<del>99.976</del>				<del>99.97</del>	867.15	28		0	
8		Loc No. 42-0- DD+3-LE SZ (B Wall)				169.970				169.97	1037.12	47.5		0	
9		Loc No. 32-0- DC+6-LE SZ (BW)				148.050				148.05	1185.17	42		0	
10		Loc No. 25 - 0 DD+3-LE SZ (B Wall)				511.483				511.483	1696.653	148.5		0	
11												0		0	
12	N22300910105-17	M150 (1:2:4) mixed concrete for top seal cover of revetment	Cum							0	0	0		0	
13		Loc No. 18 - 0 DC+6-LE SZ - (R WALL & B WALL)				1.800				1.8	1.8	0.47		0	
14		Loc No. 1 - 0 DDE+)-LE SZ (RW)				1.140				1.14	2.94	0.43		1	
15		Loc No. 17 - 0 DB+6-LE SZ (B WALL)				1.780				1.78	4.72	0.5		0	
16		<del>Loc No. 14 - 0 DB+3-LE SZ (BW)</del>				<del>0.736</del>				<del>0.73</del>	5.45	0.21		0	
17		Loc No. 42-0- DD+3-LE SZ (B Wall)				0.890				0.89	6.34	0.25		0	
18		Loc No. 32-0- DC+6-LE SZ (BW)				0.760				0.76	7.1	0.22		0	
19		Loc No. 25 - 0 DD+3-LE SZ (B Wall)				2.590				2.59	9.69	0.75		0	
20												0		0	
21	N22300910105-18	Back filling and gap levelling of volumes enclosed by revetment	Cum							0	0	0		0	
22		Loc No. 18 - 0 DC+6-LE SZ - (R WALL & B WALL)				0.00				0	0	0		0	
23		Loc No. 1 - 0 DDE+)-LE SZ (RW)				0.00				0	0	0		0	
24		Loc No. 17 - 0 DB+6-LE SZ (B WALL)				0.00				0	0	0		0	
25		Loc No. 14 - 0 DB+3-LE SZ (BW)				0.00				0	0	0		0	
26		Loc No. 42-0- DD+3-LE SZ (B Wall)				0.00				0	0	0		0	
27		Loc No. 32-0- DC+6-LE SZ (BW)				0.00				0	0	0		0	
28		Loc No. 25 - 0 DD+3-LE SZ (B Wall)				0.00				0	0	0		0	
29												0		0	

Seal & Sign (Contractor)  
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Seal & Sign (Uploaded By)  
16587  
DINESH KUMAR RANHOTRA

Seal & Sign (Signed By)  
15189  
CHATRU RAM

Seal & Sign (TCC II By) 17/2/14  
16587  
DINESH KUMAR RANHOTRA

Seal & Sign (TCC III By)  
00549  
Manish Sharma

## JOINT MEASUREMENT CERTIFICATE WITH TC

NAME OF CAO : chamba

NAME OF WORK : CONST OF 220 KV CHAMERA-III-CP STN TL &amp; 400 KV CHAMERA-JALLANDHAR TL

LOA NO &amp; DATE : C-22502-L195A-3/LOA-II/2661 DTD.14/10/2008

NAME OF CONTRACTOR : M/S KEC INTERNATIONAL LTD.,GURGAON

JMC REFERENCE NO : CBA220TL-Revet-JMC-2

JMCCODE : N22300910105JMC296

DATE : 12/20/2011

DESCRIPTION : JMC-67-220TL-Revetment-02

UPLOADED BY (EmpNo,Name,GroupName) : 16587 , DINESH KUMAR RANHOTRA ,

TCC II BY (EmpNo,Name,Date) : 16587 , DINESH KUMAR RANHOTRA , 12-21-2011.

TCC III BY (EmpNo,Name,Date) : 00549 , Manish Sharma , 12-22-2011



No	Item ID	Item Description	Unit	Size	Unit Wt	Nos/Ls	Length	Breadth	Height/Depth	Quantity	Cum. Qty	TC II Qty	TC II Remarks	TC III Qty	TC III Remarks
1		For 220 kV DC (twin Moose) Chamera - III to Chamera Pooling Station Transmission Line (Part-I)										0		0	
2		Protection of tower footings (supply & installation)										0		0	
3	N22300910105-15	Random Rubble stone masonry including excavation (1:5 cement mortar)	Cum							0	0	0		0	
4		Loc No. 24- 0 DB+3-LE SZ				150.530				150.53	150.53	98.15		60	
5		Loc No. 15 - 0 DC+3-LE SZ				112.180				112.18	262.71	58.5		0	
6		Loc No. 12- 0 DC+6-LE SZ				122.450				122.45	385.16	61.83		0	
7		<del>Loc No. 16- 0 DB+3-LE SZ</del>				<del>154.700</del>				<del>154.7</del>	539.86	84.22		0	
8												0		0	
9	N22300910105-17	M150 (1:2:4) mixed concrete for top seal cover of revetment	Cum							0	0	0		0	
10		Loc No. 24- 0 DB+3-LE SZ				0.920				0.92	0.92	0.78		0.5	
11		Loc No. 15 - 0 DC+3-LE SZ				0.890				0.89	1.81	0.75		0	
12		Loc No. 12- 0 DC+6-LE SZ				0.430				0.43	2.24	0.35		0	
13		<del>Loc No. 16- 0 DB+3-LE SZ</del>				<del>0.860</del>				<del>0.86</del>	3.1	0.65		0	
14												0		0	
15	N22300910105-18	Back filling and gap levelling of volumes enclosed by revetment	Cum							0	0	0		0	
16		Loc No. 24- 0 DB+3-LE SZ				0.00				0	0	0		0	
17		Loc No. 15 - 0 DC+3-LE SZ				0.00				0	0	0		0	
18		Loc No. 12- 0 DC+6-LE SZ				0.00				0	0	0		0	
19		Loc No. 16- 0 DB+3-LE SZ				0.00				0	0	0		0	
20										0	0	0		0	

Seal & Sign (Contractor)  
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DINESH KUMAR RANHOTRA

Seal & Sign (TCC III By)  
00549  
Manish Sharma

**For 400 kV DC Chamera Pooling Station -Jalandhar Transmission Line(Part-I)**

Year wise detail of revetment work carried out of 400kV D/C Chamba to Jalandhar Transmission line

Details of RTI information sought by Sh. Dharminder Kurar /o Sh. Kailash Chand, Vill Tarala, PO Janghi, Tehsil & Disttt. Chamba

Year	Location NO.	Item Description	Quantity in Cum	Rate / Cum	Total Amount
2010	14-0	Revetment	Nil		Nil
2011	14-0	Revetment	Nil		Nil
2012	14-0	Revetment	Nil		Nil
	14-0	Revetment	Nil		Nil
2013	14-0	Revetment RRM (1.5)	58.86	2698	158804.28
	14-0	Revetment Top seal (1:2:4)	.59	6911	4077.49
2014	14-0	Revetment	Nil		Nil

1 Information available with this office is as mentioned above.

2 Work Awarded to M/S KEC International Limited, Gurgaon

*WPKW*  
17/2/14

AO : chamba

WORK : CONST OF 220 KV CHAMERA-III-CP STN TL & 400 KV CHAMERA-JALLANDHAR TL

DATE : C-22502-L195A-3/LOA-II/2661 DTD.14/10/2008

NAME OF CONTRACTOR : M/S KEC INTERNATIONAL LTD.,GURGAON

PROJECT REFERENCE NO : CBA400TL-Revet-20-JMC305

JMCCODE : N22300910105JMC441

DATE : 12/11/2013

DESCRIPTION : JMC305-400TL-Revet20

UPLOADED BY (EmpNo,Name,GroupName) : 16572 , PARAMJIT SINGH ,

TCC II BY (EmpNo,Name,Date) : 16572 , PARAMJIT SINGH , 12-11-2013

TCC III BY (EmpNo,Name,Date) : , ,



No	Item ID	Item Description	Unit	Size	Unit Wt	Nos/Ls	Length	Breadth	Height/Depth	Quantity	Cum.Qty	TC II Qty	TC II Remarks	TC III Qty	TC III Remarks
1		For 400 kV DC Chamera Pooling Station -Jalandhar Transmission Line (Part-I)										0		0	
2		Protection of tower footings (supply & installation)										0		0	
3	N22300910105-67	Random Rubble stone masonry including excavation (1:5 cement mortal)	Cum							0	0	0		0	
4		27-0													
5		20A-0								319.59	319.59	250		0	
6		20A-0 B wall								91.69	411.28	20		0	
7		31-0								169.24	580.52	100		0	
8		14-0								107.76	688.28	0		0	
9		8-0								58.86	747.14	0		0	
10		17-0								39.65	786.79	0		0	
11		44-0								57.65	844.44	30		0	
12										67.75	912.19	30		0	
13	N22300910105-69	M150 (1:2:4) mixed concrete for top seal cover of revetment	Cum			2.15				2.15	2.15	0.2		0	
14		27-0								0.82	2.97	0.4		0	
15		20A-0								1.63	4.6	0.1		0	
16		20A-0 B wall								0.01	4.61	0		0	
17		31-0								0.55	5.16	0		0	
18		14-0								0.59	5.75	0		0	
19		8-0								37	6.12	0.2		0	
20		17-0								48	6.6	0.2		0	
21		44-0													
22															
23	N22300910105-70	Back filling and gap levelling of volumes enclosed by revetment	Cum							0	0	0		0	
24		27-0								0	0	0		0	
25		20A-0								0	0	0		0	
26		20A-0 B wall								0	0	0		0	
27		31-0								0	0	0		0	
28		14-0								0	0	0		0	
29		8-0								0	0	0		0	
30		17-0								0	0	0		0	
31		44-0								0	0	0		0	
32										0	0	0		0	

Seal & Sign (Contractor)  
M/S KEC INTERNATIONAL LTD.,GURGAON

Seal & Sign (Uploaded By)  
16572  
PARAMJIT SINGH

Seal & Sign (Signed By)  
15187  
N S Thakur

Seal & Sign (TCC II By)  
16572  
PARAMJIT SINGH

Seal & Sign (TCC III By)

17/12/14