

Original

ANNEXURE - I



ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A Government of Odisha Undertaking)
OFFICE OF THE SR. GENERAL MANAGER [ELECT]
CONSTRUCTION ZONE-I TECHNICAL BUILDING (GROUND & 1st FLOOR), BHOI
NAGAR, BHUBANESWAR- 751 022 Tel: 0674-2546353, Fax: 0674-2547261, E
Mail: sgm.con1.bbs@optcl.co.in

No. TR/WKL/IV/448/2012/

2091 (7)

dated. 04/05/17

TECHNICAL SANCTION ORDER

Technical sanction is hereby accorded for the work "Construction of 132 KV S/C line from existing 132/33 KV Grid sub-station, Barbil to proposed CGP of M/s Rungta Mines Ltd. at Kamando, Sundergarh with one no. 132 KV feeder Bay extension at 132/33 KV Grid sub-station, Barbil" for connectivity of proposed CGP of M/s Rungta Mines Ltd. with OPTCL system at 132 KV for an amount of Rs. 31,32,70,508.00 (Rupees Thirty-one crore thirty-two lakhs seventy thousand five hundred eight) only against sanctioned estimate No. DB-1/2017-18.

The above work will be executed by the beneficiary under the supervision of OPTCL, after payment of total departmental and other charges by the beneficiary to OPTCL.

The beneficiary have to deposit the following amount towards departmental and other charges

a. Departmental supervision charges	Rs. 1,64,51,640.12
b. Service tax, education cess etc. @15% on supervision charges	Rs. 24,57,746.01
c. Proportionate cost of existing Land, Control Room, Fencing, Switch yard Lighting, Culvert, Road etc.	Rs. 13,05,728.52
d. Power blockade Charges	Rs. 9,43,770.00

Total Rs. 2,11,68,884.65

Or Say Rs. 2,11,68,885.00

The expenditure to be incurred for the supervision of the above work shall be met from the deposits to be received from the beneficiary.

[Signature]
SR. GENERAL MANAGER (Construction),
ZONE-I

C.C to:-

- 1) DGM, EHT Construction Division, Keonjhar /G.M, EHT Construction Circle, Jajpur Road with a copy of the sanctioned estimate for information and necessary action. Encl.: As above.
- 2) DGM [F], TP&C for information & necessary action.
- 3) CGM [Construction], OPTCL, Bhubaneswar for kind information.
- 4) M/s Rungta Mines Ltd., Main Road, Barbil, Keonjhar-758035 along with a copy of the sanctioned estimate for information and necessary action. They are requested to deposit the amount immediately towards supervision charges, etc. 2,11,68,885.00 in shape of crossed demand draft drawn in favor of "Director [Finance], Odisha Power Transmission corporation Limited, Bhubaneswar" payable at Bhubaneswar. Encl.: As above.
- 5) Sr. P.S to CMD, OPTCL for kind information of CMD.

ODISHA POWER TRANSMISSION CORPORATION LIMITED

1. PROVINCE: ODISHA
2. Name of the Division: EHT(C) Division, Keonjhar
3. Name of the Sub-Division: EHT(C) Sub-Division, Keonjhar.
4. Name of the Work: Estimate for Construction of 132KV S/C line from existing 132/33KV Grid Sub-station, Barbil to proposed CGP of M/s Rungta Mines Ltd. at Kamanda Steel Plant, Koida, Sundargarh with 1 No. 132KV Feeder Bay extension at 132/33KV Grid S/S, Barbil.

5. Departmental Head:

6. Funding Source:

Estimate No. DB-1/2017-18
Sanctioned for Rs. 31,32,70,508.00
(Rupees Thirty one crore thirty two lakh fifty thousand five hundred eight only)
Senior Civil Engineer (Construction Zone-I)
OPTCL, Bhubaneswar

7. Main Head of classification:

8. Sub-Head of classification:

9. Aim of Service:

Power Supply connectivity to M/s Rungta Mines Ltd.

10. Estimate No.:

01/2017-18

11. Amount:

31,32,70,508.00
31,32,70,508.00
Rs. 30,97,81,901.00

(Rupees Thirty crore ninety seven lakh eighty one thousand nine hundred one) only.

COUNTERSIGNED

General Manager (Elect.)
EHT (Construction) Circle
OPTCL, Jagjwan Road

Deputy General Manager (Elect.),
EHT (Construction) Division,
OPTCL, Keonjhar.

Estimate framed by: DGM (Elect.), EHT (Const.) Division,
OPTCL, Keonjhar.

TECHNICAL REPORT

This amounting Rs. 31, 32, 67,614.00 (Rupees thirty one core thirty two lakh sixty seven thousand six hundred fourteen) only has been framed to meet the probable expenditures towards Construction of 132 KV. S/C line from existing 132/33 KV Grid Sub-Station, Barbil to proposed CGP of M/s Rungta Mines Ltd. at Kamanda Steel Plant, Koira, Sundargarh with 1 No 132 KV. Feeder Bay extension at 132/33KV Grid Sub-Station.

The following scope has been kept in the estimate.

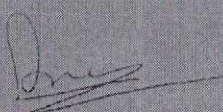
1. 132 KV. S/C line – 33.090 KM	- Rs. 28, 11, 80,477.00
2. 132 KV. Feeder Bay – 1 No.	- Rs. 1, 43, 65,908.00
3. OPGW work of line	- Rs. 1, 67, 80,353.00
4. Power blockade	-Rs. <u>9, 43,770.00</u>

Total Rs. 31, 32, 70,508.00

The price of OPGW Charges (Both material & erection charges) provided in this estimate is based on the LOAs of Sr. GM (CPC), OPTCL for 220KV line at Keonjhar.

The Power Blockade Charges provided in this estimate has been calculated for realization of Revenue loss of the 132KV lines requiring shut down basing on the data collected from the concerned Grid Sub-stations, adopting the formula, $X = A \times 10^6 \times (B+C) \times N$

The rates of materials in this estimate are based on the cost date of OPTCL for 2013-14 with escalation by 5% per year for 2014-15, 2015-16 as per letter No.336 dt.21.02.2014 of OERC, Bhubaneswar as the estimate is being prepared in the year – 2016-17



The Erection Charges in this estimate has been prepared as per the site condition and is based on the Rate Contract of OPTCL for 2014-15 with 0.91% less as per letter No 5100 dt 16.06.201 of Sr. GM (CPC), OPTCL, Bhubaneswar.


The Beneficiary have to deposit the following charges to OPTCL.


1. Supervision charges for Line	Rs 1 48, 10,276.80
2. Supervision charges for Bay	Rs 6, 99,528.73
3. Supervision charges for OPGW work	Rs 9, 41,834.59
4. Service Tax for line	Rs 22, 21,541.52
5. Service Tax for bay	Rs 1, 04,929.31
6. Service Tax for OPGW work	Rs 1, 41,275.18
7. Proportion cost of Land, Control Room, Fencing, Switchyard Lighting, Culvert, Road etc.	Rs 13, 05,728.52
8. Power Blockade charges	Rs 9, 43,770.00

Total Rs. 2, 11, 68,884.65

Or Say Rs. 2, 11, 68,885.00

The work can be executed after sanction of this estimate and deposit of the charges to OPTCL by the Beneficiary.


Deputy General Manager (Elect.)
E.H.T (Const.) Division,
OPTCL, Keonjhar.


General Manager (Elect.)
E.H.T (Construction) Circle
OPTCL, Jaipur Road.



ODISHA POWER TRANSMISSION CORPORATION LIMITED

OFFICE OF THE SENIOR GENERAL MANAGER,
[TRANSMISSION PROJECT & CONSTRUCTION]

Gr. & 1st Floor, TECHNICAL BUILDING, BHOI NAGAR, BHUBANESWAR-751022

PHONE- 0674 - 2546353, FAX. 0674- 2547261

e-mail: sgm.con1.bbs@optcl.co.in

No. TR/WKL/IV/448/2012/

(b)

2167⁽⁷⁾ dated 12-05-17

To

The Chief General Manager (CF)
OPTCL, Bhubaneswar.

Sub: Deposit of supervision charges for the connectivity of proposed CGP of M/s Rungta Mines Ltd., Kamando with OPTCL system at 132/33 KV Grid S/S, Barbil in 132 KV.

Ref: (1) Letter no. RML/KSP-466/36/17-18 dated 10.05.2017 of M/s Rungta Mines Ltd.

Sir,

Please find enclosed here with the DD no. 850341 dated 08.05.2017 drawn at State Bank of India, Chaibasa for Rs. 2,09,44,165.00 (Rupees Two crore nine lakhs forty-four thousand one hundred sixty-five) only drawn in favour of Director (Fin.), OPTCL, Bhubaneswar, deposited by M/s Rungta Mines Ltd. towards supervision charges for the connectivity of proposed CGP of M/s Rungta Mines Ltd., Kamando with OPTCL system at 132/33 KV Grid S/S, Barbil in 132 KV.

The details of deposit is furnished below.

1. Estimated amount	: Rs. 31,32,70,508.00
2. Supervision Charges @ 6%	: Rs. 1,64,51,640.12
3. Service Tax etc. @15%	: Rs. 24,57,746.01
4. Proportionate cost of existing infrastructure	: Rs. 13,05,728.52
5. Power blockade charges	: Rs. 9,43,770.00

Total

Rs. 2,11,68,884.65

Say

Rs. 2,11,68,885.00

Deposited earlier by the beneficiary towards (-) Rs. 2,24,720.00

Supervision of survey works (Rs.2.0 lakhs) with
Service Tax (Rs. 24,720.00)

Deposited amount after deduction of Survey charges Rs. 2,09,44,165.00

This is for your kind information & necessary action at your end. The receipt of the above DD may please be acknowledged.

Encl: As above.

Yours faithfully,

Sr. General Manager (Const.)
Zone-I

C.C. to:-

1. DGM, EHT Construction Division, Keonjhar/ GM, EHT Construction Circle, Jajpur Road for information & necessary action.
2. DGM (F), Construction Zone-I for information & necessary action.
3. M/s Rungta Mines Ltd., Main Road, Barbil, Keonjhar for information.
4. CGM (Const.) OPTCL, Bhubaneswar for kind information.
5. Sr. P.S to CMD, for kind information of CMD, O PTCL.

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25/05/17
(A.K. Mohan)



Government of India/ भारत सरकार
Ministry of Environment, Forest & Climate Change/ पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Eastern Regional Office/ पूर्वी क्षेत्रीय कार्यालय
A/3, Chandrasekharpur/ ए/३, चन्द्रसेखरपुर
Bhubaneswar - 751 023/ भुवनेश्वर - ७५१ ०२३



Telephone: 0674-2301213, 2301248, 2302452, 2302453. Fax: 0674-2302432. E-mail: roez.bsr-mef@nic.in
No.5-ORB389/2019-BHU 23rd March, 2020

To

The Addl. Chief Secretary,
Forest & Environment Deptt.,
Govt. of Odisha,
Bhubaneswar.

Sub:-

Diversion of 0.28 ha of forest land in Bonai Forest Division for construction of approach road from NH-520 to Kamanda Steel Plant of M/s Rungta Mines Ltd. in Bonai Sub-Division of Sundargarh District.

Madam,

I am to refer to State Govt. letter No.10F(Cons)61/19-13738/F&E dated 19.07.2019, wherein prior approval of the Ministry of Environment, Forest & Climate Change for diversion of 0.28 ha of forest land in Bonai Forest Division for construction of approach road from NH-520 to Kamanda Steel Plant of M/s Rungta Mines Ltd. in Bonai Sub-Division of Sundargarh District, was sought in accordance with Section-2 of the Forest (Conservation) Act, 1980. After due consideration of the proposal by the Ministry of Environment, Forest & Climate Change, the in-principle approval for diversion of the said forest land was accorded by Ministry vide this office letter of even number dated 30.07.2019, subject to fulfillment of certain conditions. The Nodal Officer (FCA) of the State Government has furnished the compliance report in respect of the conditions stipulated in the in-principle approval and has requested to grant final approval of the proposal.

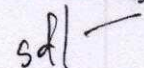
2. In this connection, I am to say that on the basis of the compliance report furnished by the PCCF & Nodal Officer (FCA), Odisha vide their letter No.5827/9F (Road)-31/2019 dated 12.03.2020, **Stage-II/final** approval of the Ministry of Environment, Forest & Climate Change is hereby granted under Section 2 of the Forest (Conservation) Act, 1980 for diversion of 0.28 ha of forest land in Bonai Forest Division for construction of approach road from NH-520 to Kamanda Steel Plant of M/s Rungta Mines Ltd. in Bonai Sub-Division of Sundargarh District, subject to the fulfillment of the following conditions:-

- i) Legal status of the diverted forest land shall remain unchanged.
- ii) Forest land will be handed over only after required non-forest land for the project is handed over to the user agency.
- iii) The State Govt. shall carry out plantation of ten times the number of trees likely to be felled from forest areas towards compensatory afforestation at project cost.
- iv) State Govt. shall implementation of Regional Wildlife Management Plan prepared for Bonai-Keonjhar region.
- v) The user agency shall restrict the felling of trees to minimum number in the forest land to be diverted and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling shall be deposited by the user agency with the Forest Department.
- vi) The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector.

Contd...2

- vii) The user agency shall obtain Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if applicable.
- viii) No additional or new path will be constructed inside the forest area for any activity related to the project work.
- ix) No labour camp shall be allowed in the forest area.
- x) The user agency shall provide LPG, to labourers working at the site to avoid damage/tree felling and ensure no fuel wood use.
- xi) The user agency while executing works, shall not fell any tree or damage forest growth in the surrounding forest area in any manner.
- xii) The boundary of the forest land to be diverted shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer.
- xiii) The period of diversion under this approval shall be co-terminus with the period of lease granted in favour of user agency or the project life, whichever is less.
- xiv) The layout plan of the proposed forest land shall not be changed without the prior approval of Ministry of Environment, Forest & Climate Change.
- xv) The forest land shall not be used for any purpose other than that specified in the proposal and under no circumstances be transferred to any other user agency, department or person without the prior approval of Ministry of Environment, Forest & Climate Change.
- xvi) Any other conditions that the Ministry of Environment, Forests & Climate Change may impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area, shall be complied by the user agency.
- xvii) The user agency shall submit annual self monitoring report on compliance of stipulated conditions to the Nodal Officer (FCA) of the State and Eastern Regional Office of this Ministry.
- xviii) The State Govt. and user agency shall ensure compliance to provisions of the all Acts, Rules, Regulations, Guidelines, NGT Order (s) & Hon'ble Court Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.
- xix) Violation of any of these conditions will be dealt as per Para 1.21 (iii) of Chapter-1 of Handbook of Guidelines issued under F.C. Act, 1980 vide Ministry's letter No.5-2/2017-FC dated 28.03.2019.

Yours faithfully,

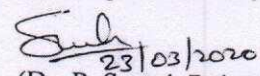


(S. Mohapatra)

Dy. Director General of Forests (C)

Copy to:-

1. The PCCF & Nodal Officer (FCA), Forest Department, Govt. of Odisha, Aranya Bhawan, Chandrasekharpur, Bhubaneswar.
2. The Divisional Forest Officer, Bonai Forest Division, Bonai, Dist: Sundargarh, Odisha.
- ✓ 3. M/s Rungta Mines Ltd. (Kamanda Steel Plant), Main Road, Barbil, Dist: Keonjhar-758035, Odisha.


23/03/2020
(Dr. P. Suresh Babu)
Scientist "C"



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

O/O The Project Director

परियोजना कार्यान्वयन इकाई, राउरकेला / Project Implementation Unit, Rourkela

सी-45, कोयल नगर, राउरकेला-769014, सुन्दरगढ़, ओडिशा

C-45, Koel Nagar, Rourkela - 769 014, Sundargarh, Odisha

दूरभाष / Tel : +91-661-2471181
ई-मेल / e-mail : piurourkela@nhai.org
nhairourkela@gmail.com

NHAI/PIU/RKL/NH-215/Access Permission/ 5233 /2020

Dt: 17th Nov, 2020

To

Authorised Signatory,
Rungta Mines Ltd.
Kamanda Steel Plant,
Main Road, Barbil-758035,

Sub: "Regarding approval of Right of Way for Laying 132 KV power cable within Utility Corridor of NH-520 from Km 201.607 to Km 204.620 & Km 208.860 to Km 212.200":- Reg.

Ref: RO Odisha Letter No. 2115 dated 16.10.2020

Sir,

Please refer to the letter under reference cited wherein the Competent Authority has accorded permission regarding your proposal for laying of 132 KV power cable in Utility Corridor of NH-520.

2. In this regard, you are required to comply with all the conditions as mentioned in the approval letter. Further, the Calculation for deposition of License fees and the Account details has been enclosed herewith. You are requested to deposit **License Fees amount of Rs 9,55,037/-** (Rupees Nine Lakhs Fifty Five Thousands and Thirty Seven Only) for 5 Years & **Performance Bank Guarantee of Rs 16,18,250/-** (Rupees Sixteen Lakhs Eighteen Thousands Two Hundred Fifty Only) with minimum of 1 year validity. The Account details for deposition of License fees are as under.

Name of Beneficiary : National Highways Authority of India, Regional Office, Bhubaneswar
Name of the Bank : Syndicate Bank
Branch : Nayapalli, Unit-VIII, Bhubaneswar
Account No. : 88071010002228
IFSC Code : SYNB0008007

Encl:-As above

Yours faithfully,

(Saurabh Chaurasiya)
Project Director

Cc: Head, F&A Unit, Regional Office, NHAI, Bhubaneswar, for favour of information.

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India
(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

301-ए, तीसरी मंजिल, पाल हाइट्स, प्लॉट नं जे/7, जयदेव विहार
भुवनेश्वर - 751013, ओडिशा

301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar
Bhubaneswar- 751013, Odisha

दूरभाष/Tel. : +91-674-2361570/670

फैक्स/Fax : +91-674-2361770

ईमेल /E-mail : roodisha@nhai.org

ronhaiodisha@gmail.com

वेबसाइट/Website : http://www.nhai.org

NHAI/11013/54/RO/OD/ 2115 /2020

16.10.2020

To,

The Project Director
National Highways Authority of India,
Project Implementation Unit,
Rourkela

Sub: Proposal for laying of 132 kV Power Cable in Utility Corridor of NH-215 (New NH-520) from Km.201.607 to Km.204.620 & from Km.208.860 to Km.212.000 (RHS) & 2 nos. of Crossings- Reg

Ref: Your office letter No.4885 dated 25.06.2020

Sir,

Please refer to your letter cited above recommending therewith the proposal on the above cited subject.

2. In this context, it is herewith conveyed that the proposal of Rungta Mines Ltd, Keonjhar regarding permission to lay 132 kV Power Cable in utility corridor of NH-215 (New NH-520) from Km.201.607 to Km. 204.620 & from Km.208.860 to Km.212.000 & 2 nos of Road Crossing. The details are as under:

Sl No.	Description	Stretch	NH No.	Chainage	Dia of HDPE Pipe (in mm)	RHS/LHS
1.	Along the road	Rimuli-Koida	NH-215 (New NH-520)	Km.201.607 to Km.204.620 (i.e. 3.013 Km)	28 (4 nos.)	RHS
2.		Koida-Rajamunda		Km.208.860 to Km.212.200 (i.e. 3.340 Km)		
3.	Crossing	Rimuli-Koida		Km.201.607	160 (4 nos.)	

2.1. The above approval subject to the following conditions:

- Crossing at the specified location to be done through Horizontal Directional Drilling method only.
- Before signing of agreement, PD should ensure that all such fees/ BG etc. are deposited by M/s Rungta Mines Ltd., Keonjhar applicable as per latest extant Ministry Guidelines/ norms /circulars.




- (c) Before signing of agreement PD should ensure that the proposal satisfies all conditions as per NHAI guidelines.
- (d) PD should ensure that there will be no hindrance for proposed 4/6 laning to avoid infructuous expenditure and proposal taken in proposed 4/6 laning through feasibility consultant have been duly considered and accounted.
- (e) It may be ensured that the work is carried out strictly in accordance with the relevant MoRTH Circulars and guidelines issued from time to time for laying of 132 kV Power Cable as per the methodology submitted in the proposal, under supervision of NHAI.
- (f) The performance bank guarantee of requisite amount as per extant Policy Circular should be kept in force for one year (extendable if required till satisfactory completion of work) from the date of signing of the agreement.
- (g) Licence fee as per MoRTH Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 shall also be deposited by M/s Rungta Mines Ltd., Keonjhar before signing of agreement.
- (h) PD should ensure that during the laying of 132 kV Power Cable, no natural drains are blocked and necessary arrangement as per Ministry Circular No.RW/NH-340662/2/95-S&R dated 25.10.1999 and No.RW/NH-34066/7/2003-S&R(B) dated 17.09.2003 is strictly followed for crossing the bridge / CD work.
- (i) All river and nallah crossing shall be through river bed only and not from bridge parapet / railing.
- (j) PD should ensure that the necessary undertakings shall be given M/s Rungta Mines Ltd., Keonjhar.
- (k) In the forest stretches M/s Rungta Mines Ltd., Keonjhar to take approval of the forest diversion proposal under the Forest (Conservation) Act, 1980 prior for laying of 132 kV Power Cable line in the forest stretch as per MoEF& CC guideline dt. 12.12.2017.
- (l) In case any damages done by M/s Rungta Mines Ltd., Keonjhar to NHAI property within RoW of NHAI, then to pay losses either to NHAI or concerned agency.
- (m) The validity of BG should be extended up to 3 months after the completion of work.
- (n) It is responsibility of agency to submit completion drawing after completion of work.
- (o) Other conditions mentioned in licency deed as per MoRTH circular should be complied strictly.

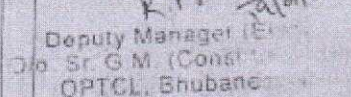
This is issued with the approval of CGM (Tech) & RO, Odisha.

Yours faithfully,



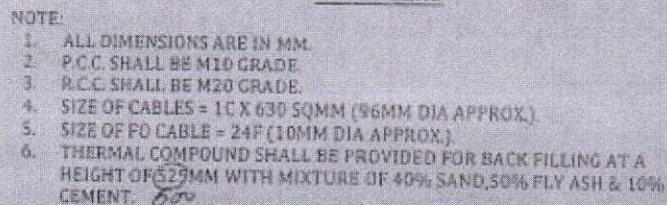
(P. K. Singh)
General Manager (Tech)

National Highways Authority of India.	
PIU- Rourkela	
Received Date.....	22.10.2020
Diary No.....	7324
Signature.....	
Marked to	
J.A.O.	
Accountant.....	
Steno.....	



APPROVED

Sr. G.M. (Const.) Zone-I
OPTCL, Bhubaneswar



7. Cable shall be fixed through locking clamp after

2 mtr gap for keeping
the cables in the
formation.

UTILITY	ODISHA POWER TRANSMISSION CORPORATION LIMITED (OPTCL) (A GOVT OF Odisha Enterprise)		
CLIENT	M/S RUNGTA MINES LIMITED, BARGARH	APPROVED BY	
TURNKEY CONTRACTOR	M/S KEC INTERNATIONAL LIMITED, KOLKATA	CHECKED BY	
PROJECT NAME	CABLE LAYING OF 132KV POWER SUPPLY TO RAMANUJA STEEL PLANT FROM OPTCL TO M/S RUNGTA MINES LIMITED BARGARH	DRAWN BY	
LOA NO	43000091284 & 3300005243	PAPER SIZE	A0
TITLE	CABLE TRENCH FOR 132KV SHV CABLE LAYING	SCALE	1:1
DRWG NO	OPTCL/RML/KEC/TBUNCH/20-21/01	REV. NO	01