

GM(E&M)/CCL
 NO. 3231/R
 Dt. 02/02/13



Central Coalfields Limited
 (A Subsidiary of Coal India Limited)
 (A Miniratna Cat-1 Company)
 Office of the General Manager(E&M)
 Darbhanga House, Ranchi-834001
 Phone: 0651-2360788, Fax: 0651-2360389
 Gram: COLCENT, Website: <http://ccl.gov.in>
 E-mail: hodenm@ccl.gov.in

Ref. No. GM(E&M)/13/W/B/WOR KOO CCL/13/711 Date :- 28.02.2013

To
 M/s. Tritronics Engineers & Consultants,
 Kadar Das Nagar, Near Kedia Petrol Pump,
 Gurudwara Road, Chas,
 BOKARO – 827 013

Sub : Work order for incorporation of software as well as hardware for up-gradation of 38 Nos. of rail weighbridges installed at different locations of CCL.

Ref : (1) GM(E&M)/Tender/12/ 2374 dt.16.06.2012
(2) Our LOI No. GM (E&M)/Tender/Rail/ WB/13/166-288 dt.09.01.2013.

Dear Sir,

With reference to above, we for and on behalf of CCL, hereby place order for incorporation of software and hardware of 38 nos. of rail weighbridges at different locations of CCL as per following details at a total cost of Rs.79,17,700.00 (Rupees seventy nine lakhs seventeen thousand seven hundred) only, including VAT as per the price breakup enclosed (Page No.- 14).

Specification/Scope of work for hardware part.

The 38 nos. rail weighbridges under the scope of up-gradation are of two types i.e. in-motion and static rail weighbridges :

- (A) In-motion rail weighbridges - 24 Nos.
- Supply and installation of infrastructure like switches, compatible with the existing load cell/ weighbridge suitable for the bi-directional weighbridge system along with the change of necessary hardware/ module and protocol of existing weighing indicator.
 - Supply & installation of computer system IP V6 compliant along with standard colour monitor, keyboard, mouse to incorporate the new weighing application.
 - 1.5 ton air conditioner along with 5 KVA voltage stabilizer

(B) Static Rail Weighbridge – 14 Nos.

- (a) Supply & installation of computer system IP v6 compliant along with standard colour monitor keyboard, mouse to incorporate the new weighing application.
- (b) 1.5 ton air conditioner along with 5 KVA voltage stabilizer.

1. SCOPE OF WORK (SOFTWARE PART):-

- (i) There shall be provision for password for each computer Operator, Supervisor & Manager at the W/B & remote user like Area, CCL (HQ), CIL,
- (ii) There shall be provision to take the tare weight of the rake and then take the gross weight in the same sequence, as well as in the transposed condition i.e. the last wagon becomes the 1st & the 1st wagon becomes the last wagon.
- (iii) There shall be provision to enter the wagon no., type, carrying capacity and product in the software.
- (iv) There shall be provision for recording & printing the actual speed of individual wagon. In case of over speed of any wagon, "OVER SPEED" should also be printed.
- (v) If some of the wagons pass the W/B un-weighed, especially when they are at the last / end of the rake, it becomes difficult to know, whether such thing has happened or not. There shall be provision in the software to accept the total number of wagons on the particular rake.
- (vi) Ticket No. → CCL / Siding code (name) / Weigh Bridge / code (name) / financial year / Customer Name & address (serial no.) / Weighbridge serial no. / date- in / Date-out / Time-in / Time-out / Operator name → This ticket No. i.e. unique identification No. of the particular rake should be automatically generated and to be initialized from the beginning of the financial year & previous data to be stored automatically.
- (vii) Duplicate wagon no. in one rake should not be allowed.
- (viii) If due to some machine problem the weighment being recorded and printed is less / more than the actual by $\pm 15\%$ or more, then the software should give a warning message that "M/C is showing underweight / overweight" & should be printed in the print out .
- (ix) No editing of gross weight shall be possible.
- (x) Once the weighment for a particular rake is printed, none shall be allowed to modify any data pertaining to that rake except the manager who will be authorized to do that with separate password. The modification done should be recorded in a security file with the information like the user (Manager's) name, date, time of modification, old and new values of the data modified along with the relevant details.
- (xi) There should be facility of copying the weighment data on daily basis / rake wise and as & when required, on write able DVD, pen drive, so that the same can be sent to Area / HQ for routine analysis, viz daily report of under loading / over loading, destination wise and source wise, daily dispatch report, this should be compatible with existing billing system so that the same can be transferred to the Area / HQ for the billing purpose.
- (xii) Each type of login in the computer should be stored in a secured log file and there should be provision for taking the print out of the same if required.

- (xiii) No one should be allowed to change the date & time. Only the "Supervisor" should be able to get C:\ prompt and that also should be recorded in a log file with date & time.
- (xiv) This weighment application should be compatible and to be integrated with Freight operation Information system & Terminal management system of Indian railways, which has been developed on "Oracle91" and should have a direct interface with these. The software language may be 'dot net' or 'SAP' or any advanced language.
- (xv) This weighment application should be capable enough to cater to the needs of online transaction of relevant data among various remote users on demand as per the proposed networking of all the W/B's ,area computer, computer at Darbhanga House, TMS location of Indian Railway's FOIS system, CIL.
- (xvi) In addition to local login, the remote login to any W/B computer along with subsequent access should also be well authenticated and recoded in a proper log file. This log file should be capable enough to divulge the complete identity of the remote user (CCL HQ, CIL,) like the remote computer name, its IP address, user name, time of login & access details.
- (xvii) In case of any network failure, there should be provision in the software for copying the predefined data for the purpose of transferring it to the concerned authority. Depending on the sensitivity of the data, the entire activity should be well authenticated and captured in a log file.
- (xviii) The weighment of the empty rake should be available ONLINE to the other weighbridge if desired so to facilitate the weighment of that particular loaded rake on any other W/B, in case the W/B on which the tare weight was done, goes out of order.
- (xix) The weighment application shall have a main menu, (bearing a caption "Property of CCL") which shall be designed with a well-designed hierarchy depending upon the categorization of the user based on the related activities. Operator shall not be able to see the detailed menu items meant for higher level of activities which have an option of 1st choosing from the group of weighbridges i.e. Bi-directional In-motion (A group), p), Static (B group) apart from other features just as checking of M/c, printer & system configuration. From the main menu the operator shall be diverted to the menu which is meant for him only, which will ask for:-
- (a) Tare weight of the rake.
- Weighment mode (In-mode / Out mode).
 - Sequence of the rake (Standard / Reverse).
- (b) Gross weight of the rake.
- Weighment mode (In mode / Out mode).
 - Sequence of the rake (Standard / Reverse).
- (c) Reports.
- Rake number wise.
 - Date wise.
 - Period wise.
 - Source wise.
 - Destination wise.

- Coal grade wise.

(xx) The contractor will supply one common weighment application (software) and will install the same, at the weighbridges, after consulting with GM (E&M), one each from a group, which will already be having new computer system, within the 3 calendar months from the day of issue of work order.

(a) Group 'A' – NK and Piparwar area.

(b) Group 'B' – Dhori, Kathara and B&K area.

(c) Group 'C' – Argada, Barka-Sayal, CWS-Barkakana, Rajrappa, Kuju and Hazaribagh area.

(xxi) The application will be under constant watch for a fortnight at all these weighbridges. Contractor will be given sufficient time so that they can interact with the operators, as well as weighing indicator to achieve the objective. But in this period, every care should be taken that no rake or wagon is allowed to pass un-weighed. After this the contractor will have to install this at all the remaining weighbridges in the next fortnight. So contractor will have a total time of 4 calendar months for execution of job.

(xxii) The contractor will provide all the necessary laborers at site, from his ends.

(xxiii) The contractor will make the programme for installation at a particular site after consulting with the SO (E&M) of that Area or PO (washery) and the Railway authorities, for modification to be undertaken & shut down if required, in advance.

(xxiv) All travel and other expenses for the manpower deployed are to be included in the rates, quoted by the contractor.

(xxv) The contractor shall ensure that the common weighment application of weighbridges is as per the requirement of Railways. If required, a meeting may be arranged by the Weighbridge cell of CCL with the Coal Area Manager and the contractor on request.

(xxvi) After acceptance and handing over on completion of the work as per scope of work CCL shall be sole owner of the software.

(xxvii) The company shall provide weight at the weighbridge, if required, under statue and will allow usage of the same by the contractor for calibration or testing.

(xxviii) The old parts which have been replaced by the contractor with a new one shall become the property of the company.

2. GENERAL TERMS & CONDITIONS DELIVERY SCHEDULE:-

(i) The contractor will make the programme for a particular site after consulting with the SO (E&M) of that Area's "or" PO (washery) and the railway authorities, for modification to be undertaken & shut down if required, in advance. The contractor will supply and install all materials, like computer system, track switches, modules, protocol, necessary cables and other essential items, as the case may be, within 4 calendar months from the day of issue of work order in the following manner.

(a) The contractor will supply one common software and shall install the same, in three weighbridges.

(b) Work of hardware if so required in any of these weighbridges shall have to be completed before installation of the software.

(c) The above work shall be completed within the 3 calendar months from the day of issue of work order.

(d) The application / software will be under constant watch for a month at all these three weighbridges. Contractor will interact with the operators, as well as weighing indicator / digitizer to achieve the objective. During this period every care shall be taken that no rake or wagon is allowed to pass un-weighed. After this the contractor shall install this software at all the remaining weighbridges within the next fortnight.

(e) So contractor will have a total time of four calendar months for execution of the complete job.

(f) The contractor will supply and install all the materials, like computer system, track switches, module, protocol, necessary cables and the digitizer, as the case may be, in 4 calendar months from the day of issue of work order.

(g) The contractor shall ensure that the weighbridges are stamped / verified / re-verified by the Weight & Measures Department and FIO testing by Railway department. The fee, if any, required for this purpose, which is legally payable to the Weight & Measures Department or Railways shall be borne by the company.

3. **SECURITY DEPOSIT:** - Security deposit shall consist of two parts.

- (i) **PERFORMANCE SECURITY:** - This shall be of 5% of the contract and should be submitted within 28 days from receipt of LOI / LOA by the successful tenderer in any form as given below.
- A bank guarantee in the prescribed form should be submitted.
 - Govt. security, FDR or any other form or deposit stipulated by the company (CCL).
 - Demand draft drawn in favour of CCL payable at Ranchi on any schedule bank.
 - The earnest money deposited in the form of demand draft shall be adjusted against security deposits.
 - If performance security is provided by the successful tenderer in the form of Bank Guarantee, it shall be issued at tenderers' option by a Nationalized schedule Indian bank. The validity of this bank guarantee shall be for a period of one year beyond the period of contract, whichever is more.
 - You shall enter into agreement after depositing the bank guarantee of requisite amount as mentioned above for the execution of the contract.
- (ii) **RETENTION MONEY:** - This shall be deducted @ 5% from the running bills. The total of performance security and retention money shall not exceed 10% of contract value. Retention money will be refunded after issue of No Defect Certificate after completion of work.

4. **TERMINATION, SUSPENSION, CANCELLATION & FORE CLOSURE OF CONTRACT:-** The owner shall in addition to other remedial steps to be taken as provided in the conditions of contract, be entitled to cancel the contract in full or in part, if contractor:-



- (i) Makes default in proceeding with the works with due diligence and continue to do so even after a notice in writing from the engineer in charge then on the expiry of the period as specified in the notice.

“OR”

- (ii) Commits default / breach in complying with any of the terms and conditions and does remedy it or fails to take the effective steps for the remedy to the satisfaction of Engineer-in-charge, then on the expiry of the period as may be specified by the Engineer-in-charge in a notice in writing.

“OR”

- (iii) Fails to complete the work or items of work with the individuals dates of completion on or before the date / dates of completion or as extended by the company, then on expiry of the period as may be specified by the Engineer-in-charge, in a notice in writing.

“OR”

- (iv) Shall offer or give or agree to give any person in the service of the company or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for act / acts of favour in relation to the obtaining or execution of this or other contract for the company.

“OR”

- (v) Transfers, sublets, assigns the entire work or any portion there of without the prior approval in writing from the Engineer-in-charge. The owner shall in such an event give fifteen (15) days notice in writing to the contractor of his decision to do so.

“OR”

- (vi) Failure on part of the contractor to arrange the requisite at site and or start the work on the stipulated dates.

“OR”

- (vii) If it is found that the system of payments to the staff or labourers is not satisfactory and is likely to cause unrest, the decision of CMD, CCL or any other authorized executive will be final.

5. **DELAYS BY OWNER OR HIS AUTHORIZED AGENT:-** In case of contractor's performance is delayed due to any act of omission on the part of the owner or his authorized agents, the contractor shall be given due extension of time. Regarding the reasonableness of the time, the decision of the Engineer shall be final.

6. **EXTENSION OF DATE OF COMPLETION:-**

- (i) On happening of any events concerning delay as started herein after, the contractor shall intimate immediately in writing to the Engineer in charge.
- Due to reasons defined in force majeure.
 - Delay on the part of the contractor or trades man engaged by the owner not forming part of the contract, holding up further progress of work.



- Any other cause which, at the sole discretion of the company is beyond the control of the contractor.
- (ii) The contractor may request the company in writing for extension of time within 15 days of happening of such event causing delay stating also, if practicable, the period for which extension is desired. The company may, considering the eligibility of the request give a fair and reasonable extension of time, which shall be communicated to the contractor in writing by the Engineer-in-charge within 1 (one) month from the date of receipt of letter.
- (iii) In case the contractor does not apply for grant of extension of time within 15 days of time and the company wants to continue with the work beyond the stipulated date of completion, for reasons the work having been hindered, the engineer-in-charge at his sole discretion can grant provisional extension of time shall be without prejudice to company's right to levy a compensation under the relevant clause of contract.

7. **PENALTY FOR DELAY IN COMPLETION:-** The company is satisfied, that the contractor can complete the works within a reasonable time after the specified time of completion, may allow further extension of time at its discretion with or without the levy of L.D. In the event of extension granted along with L.D. the company will be entitled without prejudice to any other right or remedy available on the behalf, to recover from the contractor, as agreed, damages equivalent to ½% (half percent) of the contract value of the works for each week or part of the week subject to a ceiling of 10% of the contract price.

- The company if not satisfied with the progress of the contract and in the event of failure of the contractor to recoup the delays in the naturally agreed time frame, company shall be entitled to terminate the contract.
- In the event of such termination of the contract as described in clause above, the company shall be entitled to recover LD up to 10% of the contract value and forfeit the security deposit made by the contractor beside getting the work completed by the other means at the risk and cost of the contractor.
- The company may waive the payment of L.D. depending upon merit of the case, on request from the contractor.

8. **PAYMENTS TERMS:-**

- (i) Centralized payment from HQ.
- (ii) 80% payment against supply of computer system, printer, UPS, track switch, track switch bracket, cable, air conditioner, AC stabilizer (page no. 9 & 10) along with VAT will be made within 10 days of supply of material to mentioned weighbridges duly accepted by Engineer In-charge weighbridges/ Staff Officer(E&M) & GM(E&M)/HOD HQ.
- (iii) The remaining cost of software and hardware mentioned above along with any other taxes admissible will be paid within 21 days of completion and satisfactory performance of the awarded work on the weighbridges, duly signed by Chief Manager(E&M)(E&T), Weighbridges/ SO(E&M) and GM(E&M)/HOD HQ.
- (iv) 10% of the billed amount (5% performance security and 5% retention money) will be released after completion of guarantee period (1 year of successful

running of weighbridges and issue of "No Defect Certificate" by the concerned officials.

- (v) Income tax will be deducted at the source from the bill of the party, as per provision of the income tax act. However the VAT will be paid to contractor against submission of documentary evidence.
 - (vi) No interest will be payable on any amount with held by the company.
9. **TAXES & DUTIES:** - Statutory liabilities towards taxes, duties, levies etc. by the Govt. (Central or State or Local), shall be the liability of the contractor and is realizable from the contractor on actual basis. In any event, if some excess amount towards tax is realized and detected, the excess shall be refunded to the contractor.
10. **LABOUR LAWS:** - It shall be liability of the contractor to strictly follow the labour laws, applicable for the purpose of execution of the contract including Minimum Wages Act, Factories Act, Workman Compensation Act etc., any liability arising due to non-compliance of the provisions of laws by the contractor in the process of execution of work, shall be that of the contractor and he shall responsible for meeting the said liability, if any.
11. **PAYING AUTHORITY:** - GM (F), CCL (HQ) Ranchi.
12. **TRAINING:** - The contractor shall undertake maintenance training free of cost to one engineer & one staff selected by the company against each weighbridges to enable these personnel to become familiar with the functioning of the equipment / system installed by the contractor.
13. **OPERATION MANUAL:-** Three hard copies of system manual and operational manual are to be supplied against each weighbridge.
- (i) System manual.
 - (ii) Operation manual to be handed over to CCL.
14. **GUARANTEE / WARRANTY:** - The contractor will give a warranty of 12 months smooth operation of the weighbridges, from the date of commissioning of all the materials that they have supplied.
15. **SETTLEMENT OF DISPUTE:** - For settlement of disputes, it is incumbent upon the contractor to avoid litigation and disputes during the course of execution. Such dispute take place between contractor and the deptt. effort shall be made first to settle the dispute at the co. level. The contractor should make request in writing to the engineer in-charge for settlement of such dispute / claim within 30 days of arising of the case of the dispute / claim failing which no disputes / claims of the contractor shall be entertained by the company.

If disputes and difference still persist the redressal of the disputes may be sought in the court of law, the jurisdiction will be in the appropriate court of Ranchi / Jharkhand.



ITEM DETAILS

Sl. No.	DESCRIPTION OF WORK / ITEM	QTY.
1	Supply and installation of Universal type Software as per specification mentioned else where complying with parameters for empty as well as Gross weight of wagon.	38 nos.
2	Supply & installation of computer system with monitor, keyboard, mouse to incorporate new weighing application IPV6 compliant of reputed brand like HCL/Compaq/HP/Dell.	38 nos.
3	Supply and installation of DOT matrix printer as per specification of reputed brand like TVS/Wipro/EPSON.	38 nos.
4	Supply & installation of online UPS 1 KVA with 4 nos., 12 V DC, 7.4 Ah maintenance free battery for minimum 2 hrs bach-up of reputed brand like Elnova / Luminus / Microteck.	38 nos.
5	Supply & installation of track switch for 8 wheeler brake van elimination in case of In-motion Rail weighbridge.	24 sets.
6	Supply & installation of track switch Bracket in case of In-motion Rail weighbridge.	24 sets.
7	Supply & laying of 4 core armored cable in case of In-motion Rail weighbridge 50 m for each W/B.	1200 mts.
8	Supply & installation of 1.5 T windows AC M/C of reputed brand like Voltas/Hittachi/LG/Samsung/Carrier.	38 nos.
9	Supply & installation of voltage stabilizer 5 KVA automatic of reputed brand like Servo/ Sen & Pandit.	38 nos.

IN-MOTION WEIGHBRIDGE ITEM /COST DETAILS

Sl. No.	DESCRIPTION OF WORK / ITEM	COST	VAT 5% on all items except 12% on It.No.8	Total Amount
1	Supply and installation of Universal type Software as per specification mentioned else where complying with parameters for empty as well as Gross weight of wagon.	49,000.00	2450.00	51450.00
2	Supply & installation of computer system with monitor, keyboard, mouse to incorporate new weighing application IPV6 compliant of reputed brand like HCL/Compaq/HP/Dell.	40,100.00	2005.00	42105.00
3	Supply and installation of DOT matrix printer as per specification of reputed brand like TVS/Wipro/EPSON.	13,000.00	650.00	13650.00
4	Supply & installation of online UPS 1 KVA with 4 nos., 12 V DC, 7.4 Ah maintenance free battery for minimum 2 hrs back-up of reputed brand like Elnova / Luminous / Microteck.	31,000.00	1550.00	32550.00
5	Supply & installation of track switch for 8 wheeler brake van elimination in case of In-motion Rail weighbridge.	31,000.00/ set	1550.00	32550.00
6	Supply & installation of track switch Bracket in case of In-motion Rail weighbridge.	2,100.00/ set	105.00	2205.00
7	Supply & laying of 4 core armored cable 50 m for each W/B.	9,500.00	475.00	9975.00
8	Supply & installation of 1.5 T windows AC M/C of reputed brand like Voltas/Hittachi/LG/Samsung/Carrier.	29,000.00	3480.00	32480.00
9	Supply & installation of voltage stabilizer 5 KVA automatic of reputed brand like Servo/ Sen & Pandit.	7,500.00	375.00	7875.00
Total				224840.00

STATIC WEIGHBRIDGE ITEM /COST DETAILS

Sl. No.	DESCRIPTION OF WORK / ITEM	COST.	VAT 5% on all items except 12% on It.No.5	Total Amount
1	Supply and installation of Universal type Software as per specification mentioned else where complying with parameters for empty as well as Gross weight of wagon.	49,000.00	2450.00	51450.00
2	Supply & installation of computer system with monitor, keyboard, mouse to incorporate new weighing application IPV6 compliant of reputed brand like HCL/Compaq/HP/Dell.	40,100.00	2005.00	42105.00
3	Supply and installation of DOT matrix printer as per specification of reputed brand like TVS/Wipro/EPSON.	13,000.00	650.00	13650.00
4	Supply & installation of online UPS 1 KVA with 4 nos., 12 V DC, 7.4 Ah maintenance free battery for minimum 2 hrs back-up of reputed brand like Elnova / Luminous / Microteck.	31,000.00	1550.00	32550.00
5	Supply & installation of 1.5 T windows AC M/C of reputed brand like Voltas/Hittachi/LG/Samsung/Carrier.	29,000.00	3480.00	32480.00
6	Supply & installation of voltage stabilizer 5 KVA automatic of reputed brand like Servo/ Sen & Pandit.	7,500.00	375.00	7875.00
Total				180110.00

LIST OF RAIL WEIGHBRIDGES IN CCL

	SITE NAME	MAKE	TYPE	CAP. (MT)	Amount(Rs.)
ARGADA					
1	SIRKA CHP	DIGITAL	STATIC	100	1,80,110.00
2	GIDDI-A	DIGITAL	STATIC	100	1,80,110.00
3	GIDDI - W	AVERY	STATIC	100	1,80,110.00
4	GIDDI - W	SENK	STATIC	100	1,80,110.00
BARKA - SAYAL					
5	SAYAL SEMANA	DIGITAL	STATIC	100	1,80,110.00
6	SAYAL NAKARI	DIGITAL	STATIC	100	1,80,110.00
7	PATRATU	SANMAR	IN MOTION	100	2,24,840.00
8	SAUNDA - D	DIGITAL	IN MOTION	100	2,24,840.00
9	BHURKUNDA	AVERY	STATIC	100	1,80,110.00
B&K					
10	KARGALI - W	AVERY	STATIC	100	1,80,110.00
11	GIRIDIH	DIGITAL	IN MOTION	100	2,24,840.00
DHORI					
12	TARMI - I	DIGITAL	IN MOTION	100	2,24,840.00
13	TARMI - II	DIGITAL	IN MOTION	100	2,24,840.00
14	SEL. DHORI (KALYANI)	DIGITAL	IN MOTION	100	2,24,840.00
15	DHORI	DIGITAL	IN MOTION	100	2,24,840.00
KATHARA					
16	KATHARA (W) - CC	DIGITAL	STATIC	100	1,80,110.00

17	KATHARA(W)- Mid	AVERY	STATIC	100	1,80,110.00
18	SAWANG (W) - CC	DIGITAL	STATIC	100	1,80,110.00
19	SAWANG(W)- Mid	DIGITAL	STATIC	100	1,80,110.00
20	JARANDIH - I	DIGITAL	IN MOTION	100	2,24,840.00
21	JARANDIH - II	DIGITAL	IN MOTION	100	2,24,840.00
KUJU					
22	CHAINPUR - I	DIGITAL	IN MOTION	100	2,24,840.00
23	CHAINPUR - II	DIGITAL	IN MOTION	100	2,24,840.00
24	NR SIDING - I	DIGITAL	IN MOTION	100	2,24,840.00
25	NR SIDING - II	DIGITAL	IN MOTION	100	2,24,840.00
NK					
26	KDH - I	DIGITAL	IN MOTION	100	2,24,840.00
27	KDH NEW - II	DIGITAL	IN MOTION	100	2,24,840.00
28	MGME - I	DIGITAL	IN MOTION	100	2,24,840.00
29	MGME - II	DIGITAL	IN MOTION	100	2,24,840.00
30	KD(OLD), KHALARI-I	DIGITAL	IN MOTION	100	2,24,840.00
31	DAKRA/KHALAR I - II	DIGITAL	IN MOTION	100	2,24,840.00
PIPARWAR					
32	RAY - I	DIGITAL	IN MOTION	100	2,24,840.00
33	RAY - II	DIGITAL	IN MOTION	100	2,24,840.00
34	RCM SIDING - I	DIGITAL	IN MOTION	100	2,24,840.00
35	RCM SIDING - II	DIGITAL	IN MOTION	100	2,24,840.00

RAJHARA					
36	TORI SIDING	DIGITAL	IN MOTION	100	2,24,840.00
RAJRAPPA					
37	RAJRAPPA (W) - I	DIGITAL	STATIC	100	1,80,110.00
38	RAJRAPPA (W) - II	AVERY	STATIC	100	1,80,110.00

GRAND TOTAL

(A)	24 Nos. in-motion rail W/B (24x224840.00)	Rs.53,96,160.00
(B)	14 Nos. static rail W/B (14x180110.00)	<u>Rs.25,21,540.00</u>

Grand Total: - Rs.79,17,700.00
(Rupees seventy nine lacs seventeen thousand seven hundred) only.

Arsh
25/2/13
General Manager (E&M)/HOD
CCL HQ, Ranchi.

Encl :

1. Format for Tax-cum-Excise Invoice Rail Sale (Annexure-I)
2. Technical specification (Annexure-II)
3. e-payment format (Annexure-III)

CC:

1. DT(O)/CVO, CCL – for kind information.
2. TS to CMD, CCL – for kind information.
3. CGM/GMs All Areas of CCL
4. GM (Fin. ~~Exp.~~), CCL
5. GM(S&M), CCL
6. GM/HOD (System), CCL
7. SO (E&M), All Areas of CCL
8. AFM, All Areas of CCL
9. Project Officer (Ws), All Areas of CCL.

Fund Certification No.	Value
BGT/PP/ (P&M)/ Diff. Areas of CCL/CB/ 12-13/101/127 dated 06.02.2013	Rs.78.41 lacs

[Handwritten Signature]

ANNEXURE-IFORMAT FOR TAX CUM EXCISE INVOICE RAIL SALE**CENTRAL COALFIELDS LIMITED****(A Subsidiary of Coal India Limited)****Darbhangha House, Ranchi – 834001****(Rule 8 & 11 of new Central Excise (No.2) Rules, 2002)**

Area:	Project:
Tin No.:	F/NOTE NO. & DATE:
C.E. REG. NO.:	BILL REF.:
C.E. COMMISSIONERATE:	BILL DATE:
C.E. DIVISION:	TIN No./CST no. of Consignor:
C.E.B RANGE:	DATE OF DESPATCH:
Name & Address of Buyer:	TIME OF DESPATCH:
Customer/Buyer Reg. No.(Party Code):	Despatch Period:
Tin No./CST No. of buyer:	R.R. NO. & DATE:
Name of the Consignee:	INVOICE NO. & DATE:
Classification/Tariff heading:	MODE OF DESPATCH: RAIL
NAME OF THE COMMODITY: COAL	GRADE:
SIZE:	QUANTITY:

SL. NO.	COST AT	K.M.	RATE PER M/T	QTY IN M/T	AMOUNT IN Rs.
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- 1. Notified basic / Bid price
- 2. TRANSP. CHARGE FOR
- 3. Silo Charges
- 4a. BREAKING CHARGES -1
- 4b. BREAKING CHARGES- 2
- 5. BENEFICIATION CHARGE
- 6. Any other charges

SUB- TOTAL (A) = (1+2+3+...+6)

- 7. EXCISE DUTY @5.00% on (A).
- 8. E.D. CESS @2% OF (E.D)
- 9. HIGHER E.D. CESS @ 1%(E.D)

SUB- TOTAL (B) = (7+8+9)

- 10. ROYALTY
- 11. S.E. DUTY
- 12. CLEAN ENERGY CESS

SUB- TOTAL(C) = (9+10+11)

Total (D) = (A+B+C)

C.S.T. @2%/J.S.T. (VAT) @4% on (D)

GROSS AMOUNT

LESS UNDER LOAD CHARGES

Add Left behind (LB) _____ hrs* no. of wagons* rate / wagon / hr

NET AMOUNT



- (A) Total Amount in words:
- (B) Certified that bill has been claimed as per price of coal and taxes /duties applicable on the date of despatch.
- (C) Certified that statutory taxes / duties are actually payable and will be paid to the statutory authority.
- (D) Certified that adjustment, if any, required will be made through supplementary bill.
- (E) Certified that the particulars given above are true and correct.
- (F) In case of Inter state Sale form "C/D" must be submitted within 30days from the date of Bill failing which supplementary bill will be raised for difference of S. tax payable at the rate of VAT & CST charged in original bill.
- (G) Certified that top size of coal is being limited to the range 200 to 250mm through manual facilities.
- (H) Certified that rail weighed EPS enclosed.
- (I) Annexure-I: Wagon loading Details.
- (J) Payment should be made in favour of Central Coalfields Limited, Through RTGS/NEFT mode at Kolkata.
- (K) Bank interest will be charged on net amount for delay of payment.

Sign of Billing Clerk

Authorized Signatory



ANNEXURE-II**(A) COMPUTER SYSTEM FOR RAILWAY WEIGHBRIDGES:-**

- (a) Dual Core or above Processor with min 3.3 GHz frequency or higher, Spec_CPU_rate_base 2006 min 75 (60% of Spec_CPU_rate_base 2006 plus 40% Spec fp rate base 2006) with 4 GB Memory.
- (b) Intel/OEM Motherboard.
- (c) Total cache of 3 MB or higher.
- (d) INTEL Q67/AMD 880 G or higher chipset.
- (e) 4 GB DDR3, 1333-MHz (2*2 GB), total 4 DIMMs expandable upto 32 GB.
- (f) 320-GB SATA, 7200 rpm or higher.
- (g) SATA DVD Writer Optical Drive.
- (h) Integrated HD Graphic.
- (i) USB Type Windows Mechanical Keyboard. Keyboard should be of same color as the base PC.
- (j) 18.5" color TFT Monitor with Internal Speakers (Optional). Monitor should of same make and color as the base PC.
- (k) Minimum 3 Bays, Minimum 4 PCI / PCI Express Slots.
- (l) 10/100/1000 Ethernet Card.
- (m) USB 2 button optical scroll mouse should be of same make & color as the base PC.
- (n) 85 % Energy Efficient Power supply with surge protection, ROHS complaint.
- (o) Rear I/O: (4) USB 2.0, (1) Standard serial port, (1) RJ-45, (1) VGA, audio in/out, (1) DVI – D Port / (1) Display Port.
- (p) Front I/O: (2) USB 2.0, headphone and Microphone.
- (q) Preinstalled Windows 7 professional edition (OEM License) with recovery media.
- (r) Widows (latest) & LINUX Certification.
- (s) Necessary accessories like Power cord etc. Operating documents / Manuals.
- (t) Software which gives the following function:
 - (i) Asset Management.
 - (ii) System Health Management.
 - (iii) Remote Monitoring.
 - (iv) OEM's Diagnostic tool for hardware Diagnostics.
- (u) FCC/UL/ERTL, Win 7 and Linux Certification, ROHS Compliance for PC, TCO 05 for Monitor, Energy Star compliance for both Desktop and Monitor.
- (v) TPM 1.2 chip, Hood / chassis sensor, Alert to be shown on the console in case of any memory change.

(B) **PRINTER:** – Dot Matrix Printer or Latest of equivalent / higher specs.

- (i) 24 pin, 136 col, 360 cps.
- (ii) 360 cps print speed @ High Speed Draft 12 cpi.
- (iii) 300 cps print speed @ Draft 12 cpi.

(C) **1 KVA ONLINE UPS:-**

- (a) Input Voltage: 140 to 300 V
- (b) Input Frequency: 50 Hz \pm 5%.
- (c) Output voltage: 230V \pm 5%.
- (d) Output frequency: 50 Hz \pm 0.5% (Battery mode).
- (e) Output Waveform **modified Sine Wave** / Quasi Sine wave.
- (f) Transfer Time: < 5 milli seconds.
- (g) Battery inbuilt **SMF**.
- (h) 12 V – 7 AH or **higher** x 4 Nos.

ANNEXURE – III**e-Payment**

(TO BE RETURNED TO THE COMPANY)

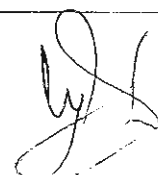
To,
 Central Coalfields Limited,
 Darbhanga House, Ranchi,
 Jharkhand.

Dear Sir,

REF: AUTHORIZATION OF ALL OUR PAYMENTS THROUGH ELECTRONIC FUND TRANSFER SYSTEM / RTGS / CBS / INTRA BANK TRANSFER.

We, hereby authorize Central coalfields Limited to make all our payments against our bills, refund of Earnest Money Deposit and security deposit, through Electronic fund transfer system / RTGS / CBS / Intra Bank Transfer. The details for facilitating the payments are given below.

1	NAME OF THE BENEFICIARY	
2	ADDRESS (WITH PIN CODE)	
3	TELEPHONE NO. (WITH STD CODE)	
4	BANK PARTICULARS	
(A)	BANK NAME	
(B)	BANK TELEPHONE NO. (WITH STD CODE)	
(C)	BRANCH NAME	



information, I/We would not hold the company responsible. We also agree to bear the bank charges, if any enabling such transfer.

SIGNATURE

(AUTHORIZED SIGNATORY)

Name:

Date:

Official Stamp

BANK CERTIFICATE:

It is certified that above mentioned beneficiary holds a bank account
No.....with our branch and the bank particulars mentioned above
are correct.

SIGNATURE

(AUTHORIZED SIGNATORY)

Name:

Date:

Official Stamp



80% payment against supply of computer system, printer, UPS, track switch, track switch bracket, cable, air conditioner, AC stabilizer alongwith VAT will be made within 10 days of supply of material to indicated weighbridges duly accepted by the Engineer In-charge/ weighbridges.

The 90% cost of software and 10% remaining cost of hardware mentioned above alongwith any other tax admissible will be paid within 21 days of completion and satisfactory performance of the work at a particular weighbridge signed by Chief Manager(E&M)/E&T weighbridge and GM(E&M)/HOD, HQ.

A handwritten signature in black ink, consisting of stylized, overlapping loops and lines, located at the bottom right of the page.