



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/ work order /w/b/ 760 - 806 Date : 6.03.2013

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 91 Nos. of road weighbridges and installed at different locations of CCL.

Ref : (1) GM(E&M)/Tender/12/ 2373 dt.16.06.2012
(2) LOI:- GM (E&M) / 13 / Tender / Road W/B / B 102-165 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 91 nos. of road weighbridges at different locations of CCL as per following details at a total cost of Rs. 1,50,52,310.00 (Rupees One crore fifty lakh fifty two thousand three hundred ten) only including VAT as per the price breakup given in the enclosed (Page No. - 9 & 11 to 15).

Specification/Scope of work for hardware part.

The 91 nos. road weighbridges under the scope of up-gradation involves following works:

- Supply & installation of computer system IP v6 complaint alongwith standard colour monitor keyboard, mouse to incorporate the new weighing application.
- 1.5 ton air conditioner alongwith 5 KVA voltage stabilizer.

1. SCOPE OF WORK (HARDWARE PART):-

Supply and installation of infrastructure compatible with the existing load cells / suitable for weighing system along with the change of necessary hardware / module & protocol of existing weighing indicator.

Supply & installation of computer system IPv6 compliant along with standard color monitor, keyboard, mouse to incorporate the new weighing application.

2. 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) and CIL.
- (ii) There shall be provision to take the empty weight of the truck and then take the gross weight.
- (iii) There shall be provision to enter the truck no., type, carrying capacity and product in the software.
- (iv) 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 truck should be automatically generated and to be initialized from the beginning of the financial year & previous data to be stored automatically.
- (v) 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.
- (vi) No editing of gross weight shall be possible.
- (vii) Once the weighment for a particular truck is printed, none shall be allowed to modify any data pertaining to that truck except the "Manager" with separate password and 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.
- (viii) There should be facility of copying the weighment data on daily basis /truck wise and as & when required, on DVD drive (read & write), 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.
- (ix) 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.
- (x) 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.
- (xi) The software language should be compatible to the exiting as well as proposed weighbridge network system.
- (xii) 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, and, CIL.
- (xiii) 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 like the remote computer name, its IP address, user name, time of login & access details.
- (xiv) 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.
- (xv) The weighment of the empty truck should be available ONLINE to the other weighbridge if desired so to facilitate the weighment of that particular loaded truck on any other W/B, in case the W/B on which the tare weight was done, goes out of order.

(xvi) 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 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) Empty weight of the truck.

- Weighment mode (In-mode / Out mode).

(b) Gross weight of the truck.

- Weighment mode (In mode / Out mode).

(c) Reports

- Truck number-wise
- Date wise.
- Period wise.
- Source wise.
- Destination wise
- Coal grade wise

(xvii) 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-Saya, CWS-Barkakana, Rajrappa, Kuju and Hazaribagh area.

(xviii) 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 truck 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.

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

(xx) 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) for modification to be undertaken & shut down if required, in advance.

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

(xxii) The contractor shall ensure that the common weighment application of weighbridges is as per the requirement of CCL. If required, a meeting may be arranged by the Weighbridge cell of CCL with the Weight & measure deptt and the contractor on request.

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



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

3. 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), for modification to be undertaken & shut down if required, in advance. The contractor will supply and will install all materials, like computer system, modules, protocol, necessary cables, as the case may be, within 4 calendar months from the day of issue of work order in the following manner.
- (ii) The contractor will supply one common software and shall install the same, at three weighbridges.
- (iii) Work of hardware & supply of protocol of digitizer if so required in any of these weighbridges shall have to be completed before installation of the software.
- (iv) The above mentioned work shall be completed within the 3 calendar months from the day of issue of work order.
- (v) The modification will be under constant watch for one 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.
- (vi) So contractor will have a total time of four calendar months for execution of the complete job.
- (vii) The contractor will supply and will install all the materials, like computer system, module, protocol, necessary cables as the case may be, in 4 calendar months from the day of issue of work order.
- (viii) The contractor shall ensure that the weighbridges are stamped / verified / re-verified by the Weight & Measures Department and the weighbridges are not out of use, on this account. The fee, if any, requires for this purpose, which is legally payable to the Weight & Measures Department or Railways shall be born by the company.

4. 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.
 - 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.

- Performance security of 5% shall be refunded within 14 days after the issue of Defect Liability Certificate.

- (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.

5. **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) Shall try to obtain the contract with the company by way of rig tendering or other non-bonafied method of competitive tendering.

“OR”

- (vi) 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”



“OR”

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

“OR”

- (viii) 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, BCCL or any other authorized executive will be final.

6. **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.

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

- (i) On happening of any events concerning delay as stated 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.

8. **PENALTY FOR DELAY IN COMPLETION:-** The company is satisfied, that the contractor can complete the works within a recoverable 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 being 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, 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 besides 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.

9. 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 alongwith 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.

10. 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.

11. 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.

12. PAYING AUTHORITY: - GM (F), CCL (HQ) Ranchi.

13. 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.



14. **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.

15. **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.

16. **SETTLEMENT OF DISPUTE:** - For settlement of disputes, it is incumbent upon the contractor to avoid litigation and disputes during the course of execution. Such disputes 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 co. 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.

A handwritten signature in black ink, appearing to be 'S. K. A.', is written over a light grey rectangular background.

ROAD 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.	35,000.00	1750.00	36750.00
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 bach-up of reputed brand like Elnova / Luminus / 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				165410.00.

ITEM/QUANTITY 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 trucks.	91 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.	91 nos.
3	Supply and installation of DOT matrix printer/ latest equivalent as per specification of reputed brand like TVS/Wipro/EPSON.	91 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 back-up of reputed brand like Elnova/Luminus/Microteck.	91 nos.
5	Supply & installation of 1.5 T windows AC M/C of reputed brand like Voltas/Hittachi/LG/Samsung/Carrier.	91 nos.
6	Supply & installation of voltage stabilizer 5 KVA automatic of reputed brand like Servo / Sen & Pandit.	91 nos.



LIST OF ROAD WEIGHBRIDGES IN CCL

SL. NO.	LOCATION OF WEIGHBRIDGE	CAP. (MT)	MAKE	AMOUNT (Rs.)
ARGADA				
1	GIDI - C	30	AVERY/AVERY	1,65,410.00
2	RELIGARHA	30	AVERY/AVERY	1,65,410.00
3	SIRKA	40	AVERY	1,65,410.00
4	ARGADA COLLIERY	25	AVERY	1,65,410.00
5	GIDI - W	40	AVERY	1,65,410.00
6	GIDI - W	40	AVERY	1,65,410.00
7	GIDI - W	25	AVERY	1,65,410.00
8	GIDI, CPP	50	LEOTRONICS	1,65,410.00
BARKA-SAYAL				
9	BHURKUNDA	30	AVERY	1,65,410.00
10	LAPANGA	30	ASHWORTH	1,65,410.00
11	CENTRAL SAUNDA	30	AVERY	1,65,410.00
12	SAUNDA	30	AVERY/SJNL	1,65,410.00
13	K.K. MORE	30	AVERY	1,65,410.00
14	SAYAL - D	50	INDIAN MACHINERY	1,65,410.00
15	URIMARI	30	AVERY/AVERY	1,65,410.00
16	BHURKUNDA	50	LEOTRONICS	1,65,410.00
17	URIMARI	50	LEOTRONICS	1,65,410.00
B&K				
18	KHAS MAHAL PROJECT	50	DIGITAL	1,65,410.00
19	KARGALI - W	30	AVERY/AVERY	1,65,410.00

20	KARGALI - W	30	AVERY/SJNL	1,65,410.00
21	GIRIDIH	30	AVERY/SJNL	1,65,410.00
22	JARANDIH SDG.	40	AVERY	1,65,410.00
23	KARO	40	AVERY	1,65,410.00
24	GIRIDIH	50	LEOTRONICS	1,65,410.00
25	KHAS MAHAL	50	LEOTRONICS	1,65,410.00
26	KARO	50	LEOTRONICS	1,65,410.00
CENTRAL STORES BARKAKANA				
27	C. STORES BRK	40	AVERY	1,65,410.00
DHORI				
28	SDQ -1	40	AVERY	1,65,410.00
29	SDQ -1	50	DIGITAL	1,65,410.00
30	SDQ - 3 (MAKOLLI)	30	AVERY/SJNL	1,65,410.00
31	DHORI EAST	50	INDIAN MACHINERY/AVERY	1,65,410.00
32	AMLO	40	AVERY	1,65,410.00
33	TARMI (KARIPANI)	50	SJNL	1,65,410.00
34	AMLO SIDING	50	LEOTRONICS	1,65,410.00
35	KALYANI	50	LEOTRONICS	1,65,410.00
HAZARIBAGH				
36	KEDLA OCP	30	AVERY/SJNL	1,65,410.00
37	TAPIN SOUTH	50	AVERY/AVERY	1,65,410.00
38	TAPIN NORTH	50	SJNL	1,65,410.00
39	PAREJ EAST	40	AVERY	1,65,410.00
40	JHARKHAND	40	AVERY	1,65,410.00
41	KEDLA - W	50	AVERY	1,65,410.00

42	KEDLA - W	50	AVERY	1,65,410.00
43	TAPIN	50	LEOTRONICS	1,65,410.00
KATHARA				
44	KATHARA - W	50	AVERY	1,65,410.00
45	SAWANG - W	40	AVERY/SJNL	1,65,410.00
46	SAWANG - W	50	PTA(ASPE)/IPA	1,65,410.00
47	GOVINDPUR	50	DIGITAL	1,65,410.00
48	JARANGDIH F/B	40	AVERY	1,65,410.00
49	JARANGDIH F/B	30	AVERY/SJNL	1,65,410.00
50	ASNAPANI	50	DIGITAL	1,65,410.00
51	KATHARA - W	50	LEOTRONICS	1,65,410.00
52	SAWANG COLLIERY	50	DIGITAL	1,65,410.00
53	GOVINDPUR ROAD	50	DIGITAL	1,65,410.00
54	KATHARA	50	LEOTRONICS	1,65,410.00
55	SAWANG	50	LEOTRONICS	1,65,410.00
RAJHARA				
56	RAJHARA	40	AVERY	1,65,410.00
57	TETARIAKHAR	40	AVERY	1,65,410.00
58	TETARIAKHAR	50	LEOTRONICS	1,65,410.00
KUJU				
59	SARUBERA	30	AVERY	1,65,410.00
60	ARA F.B.	40	AVERY	1,65,410.00
61	ARA F.B.	25	AVERY	1,65,410.00
62	TOPA	25	AVERY/SJNL	1,65,410.00
63	KARMA	40	INDIAN	1,65,410.00

			MACHINERY/SJNL	
64	KARIBANDA	40	AVERY	1,65,410.00
65	PUNDI	25	AVERY/SJNL	1,65,410.00
66	PUNDI	50	LEOTRONICS	1,65,410.00
67	TOPA	50	LEOTRONICS	1,65,410.00
68	KUJU	50	LEOTRONICS	1,65,410.00
69	KUJU	50	LEOTRONICS	1,65,410.00
NK				
70	MONET CHP, KDH	50	AVERY	1,65,410.00
71	ROHINI	50	AVERY/SJNL	1,65,410.00
72	CHURI O/C	50	DIGITAL	1,65,410.00
73	KDH	50	LEOTRONICS	1,65,410.00
74	DAKRA	50	LEOTRONICS	1,65,410.00
PIPARWAR				
75	KALYANPUR	50	AVERY	1,65,410.00
76	PIPARWAR CPP-I	50	SJNL	1,65,410.00
77	PIPARWAR CPP-II	50	SJNL	1,65,410.00
78	PIPARWAR MINE DES. I	50	SJNL	1,65,410.00
79	PIPARWAR MINE DES. II	50	SJNL	1,65,410.00
80	ASHOK-I	50	SJNL	1,65,410.00
81	BACHRA	50	DIGITAL	1,65,410.00
82	ASHOK-II	50	SJNL	1,65,410.00
83	ASHOK, NEAR FB-3&4	50	LEOTRONICS	1,65,410.00
84	ASHOK, MINE CHALLAN GHAR	50	LEOTRONICS	1,65,410.00
85	PPR, DUMP HOPPER	50	LEOTRONICS	1,65,410.00

86	PPR, PIOLET MINE / 1003 BELTS	50	LEOTRONICS	1,65,410.00
87	ASHOKA PROJ. CHECKPOST/ CHALLAN GHAR	50	LEOTRONICS	1,65,410.00
88	RCM SDG. ASHOKA	50	LEOTRONICS	1,65,410.00
RAJRAPPA				
89	RAJRAPPA	40	AVERY/SJNL	1,65,410.00
90	RAJRAPPA - W	50	AVERY	1,65,410.00
91	RAJRAPPA - W	50	SJNL	1,65,410.00
Total amount (including VAT)				1,50,52,310.00

(Rupees one crore fifty lacs fifty two thousand three hundred ten) only.

Avi
6/3/13
General Manager (E&M)/HOD
CCL HQ, Ranchi.

Encl. 1. Technical specification (Annexure-I)
 2. Format for Tax-cum-Excise Invoice Rail Sale (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.), 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.

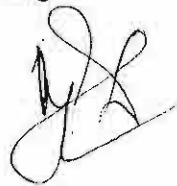
Fund Certification No.	Value
CCL/P&M/CB/107/128 dt. 06.03.2013	80.14 Lakh

The remaining fund will be allocated from capital budget 2013-14

[Signature]

ANNEXURE-I**(A) COMPUTER SPECIFICATION FOR ROAD 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.
- (a) 24 pin, 136 col. 360 cps.
 - (b) 360 cps print speed @ High Speed Draft 12 cpi.
 - (c) 300 cps print speed @ Draft 12 cpi.

17. **UPS:- 1 KVA ON LINE 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.

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ANNEXURE-II**FORMAT FOR TAX CUM EXCISE INVOICE ROAD 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:

C.E. REG. NO.:

ADDRESS OF RANGE & DIVISION:

Name & Address of Buyer:

Customer/Buyer Reg. No.(Party Code):

Tin No./CST No. of buyer:

Name of the Consignee:

Project:

SALE ORDER NO.:

BILL / INVOICE NO.:

BILL DATE:

TIN No./CST no. of Consignor:

DATE OF DESPATCH:

TIME OF DESPATCH:

MODE OF DESPATCH: ROAD

VEHICLE/TRUCK REG. NO.:

PLA NO.:

Classification/Tariff heading:

NAME OF THE COMMODITY: COAL

SL. NO.	COST AT	K.M.	RATE PER M/T	QTY IN M/T	AMOUNT IN Rs.



1. PIT HD. PRICE
2. TRANSP. CHARGE FOR
3. Silo Charges
4. BREAKING CHARGES
5. BENEFICIATION CHARGE

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

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

SUB- TOTAL (B) = (6+7+8)

9. ROYALTY
10. S.E. DUTY
11. CLEAN ENERGY CESS

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

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

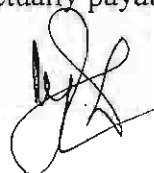
C.S.T. @2%/J.S.T. (VAT) @4% on (D)

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) Payment should be made in favour of Central Coalfields Limited, Through RTGS/NEFT mode at Kolkata.

(I) Bank interest will be charged on net amount for delay of payment.

Sign of Billing Clerk

Authorized Signatory



ANNEXURE – IIIe-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	
(D)	BANK BRANCH CODE	
(E)	BRANCH ADDRESS (WITH PIN CODE)	
(F)	BANK FAX NO. (WITH STD CODE)	
(G)	9 DIGIT MICR CODE OF THE BANK BRANCH (ENCLOSED COPY OF A CANCELLED CHEQUE)	
(H)	11 DIGIT IFSC CODE OF BENEFICIARY BRANCH	
(I)	BANK ACCOUNT NO.	
(J)	BANK ACCOUNT TYPE (TICK ONE)	
	SAVING	
	CURRENT	
	LOAN	
	CASH CREDIT	
	OTHERS	
	IF OTHERS, SPECIFY	
5	PERMANENT ACCOUNT NUMBER (PAN)	
6	E-MAIL ADDRESS FOR INTIMATION REGARDING RELEASE OF PAYMENTS	
7	CCL VENDOR CODE	

(TO BE FILLED IN CAPITAL LETTERS)

I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or credit is not affected at all for reasons of incomplete or incorrect 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

A handwritten signature in dark ink, appearing to be initials or a stylized name, located in the center of the page.A faint, circular official stamp or seal, mostly illegible due to fading, located in the lower right quadrant of the page.

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

A handwritten signature in black ink, consisting of stylized, overlapping loops and lines, positioned below the signature line.