

**BHARAT HEAVY ELECTRICALS LIMITED , JHANSI  
FACTORY CIVIL DEPARTMENT**

Email kdgupta@bheljhs.co.in

website www.bhel.com/bhel/tender/login.php.

document may be available on above website and can be downloaded also)

0/

Date 12/01/2009.



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**TENDER  
FOR**

**Name of Work : Annual Rate Contract for mis civil work in Factory area for year 2009-10**

- To be submitted by 13:15 Hours on 06/02/2009 (Friday) at ADM - Security Gate Tender Box.
- Tenders (Technical bid only) shall be opened in the presence of tenderers who may be present, at 14.00 Hours on 06/02/2009 (Friday) in the office of Sr Mgr -MM and Price bid shall be opened latter.

Name of contractor

(hereinafter referred to as the Company/Corporation)

I/We have read and examined the following documents related to the Work of

**Name of Work : Annual Rate Contract for mis civil work in Factory area for year 2009-10**

The tender consists of the following 2 parts .

- Technical cum commercial Bid with Part A & B
- Price bid

Both these bids have to be enclosed in separate envelops and subscribed " TECHNICAL CUM COMMERCIAL BID " and "PRICE BID " as appropriate .

Technical cum commercial bid ( Thirteen pages - page no 1 to13 ) consisting following Parts and schedules

Part A -- Check list of encloses . ( page no 2 )

Part B -- Notice Inviting tender ( Page no 3 to 5 )

SCHEDULE A - List of material issue to the contractor ( Page no 6 )

SCHEDULE B - List of Tools and Plant issue to the contractor (Page no 6 )

SCHEDULE C - Schedule of minimum wages ( Page no 6 to 9 )

SCHEDULE D - Special conditions ( Page no 10 to 11 )

SCHEDULE E Lead statement (Page no 12)

SCHEDULE F Security Deposit (Page no 12)

SCHEDULE G Reference to general condition of contract (Page no 13)

Blank Price Bid (Page no 14 to 19)

**Price bid ( Six pages - page no 1 to 6 )**

In consideration of I / We being invited to tender , I / We agree to keep the tender open for acceptance for Ninety ( 90 ) days from the due date of submission there of and not to make any modifications in its terms and conditions which are not acceptable to the Company / Corporation .

A cash of Rs 40,000/- ( Forty thousand only ) is hereby forwarded in BHEL Cash receipt Pay order or demand draft only as earnest money. If I / we fail to keep the tender open as aforesaid or make any modifications in the terms and conditions of the tender which are not acceptable to Company/Corporation . I/we agree that the Company /Corporation shall, without prejudice to any other right or remedy, be at liberty to forfeit the earnest money absolutely. Should this tender be accepted, I/we hereby agree to abide by and fulfill all the terms, conditions and provision aforesaid documents .

If, after the tender is accepted, I/we fall to commence the execution of the works as provided in the Conditions, I / We agree that the Company / Corporation shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely .

Witness \_\_\_\_\_

Date \_\_\_\_\_

Address \_\_\_\_\_ .

Signature \_\_\_\_\_ ..

in the capacity of \_\_\_\_\_

Duly authorized to signature the tender on behalf of (in  
block Capitals)

**(Signature , seal & date of issuing authority)**

**BHARAT HEAVY ELECTRICALS LIMITED , JHANSI  
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**Annual Rate Contract for mis civil work in Factory area for year 2009-10  
TECHNICAL BID ( TOTAL 12 PAGES - page no 2 to 13 )**

**(PART A & PART B)**

**PART A : Checklist / Minimum qualification criteria**

The following are the essential requirements to be fulfilled in order to qualify for price bidding .

SI No.	DESCRIPTION	Essential /desirable	valid Licence no	valadity upto	enclosed copy detail
<b>I.</b>	<b>Legal requirements</b>				
	<b>a. Labour laws -</b>				
	(1) Employee's PF & miscelleneous provision act, 1952 (Valid PF code required)	Essential			
	(2) Labour licence and other requirements in case of contracors working in BHEL, Jhansi and deploying 20 or more labours.				
	(3) ESI Number & date (Valid ESI code required)				
<b>II.</b>	<b>Taxation requirements</b>				
	(1) Income tax act	PAN No.	Essential		
	(2) Trade Tax / VAT / TIN No.	Valid Registration	Essential		
	(3) Service tax	no.	Essential		
<b>III.</b>	<b>BHEL works policy requirements</b>				
1	EMD	Rs 40,000/- in the form of Cash / Payorder / Demand draft .	Essential		
2	Acceptance of Terms & conditions -	Signature on all pages without conditions of contractor	Essential		
3	Blank price bid format duly signed by the contractor.		Essential		
<b>IV.</b>	<b>Financial soundness</b>				
s no	Document	Essentail /desirable	Enclsed ( yes /no )		
1	Income tax returns for last three 3 years .	Desirable			
<b>V</b>	<b>Qualifying Critaria</b>				
1	Average annual finacial turnover during last 3 years ending 31st March 2008 not less than Rs. 4.68 lakhs	Essential			
2	Similar completed work in each of last 7 years ending 31st December 2008 should be either the following.	Essential			
2(a)	Three similar completed work costing not less than the amount equal to Rs. 6.24 lakhs.				
2(b)	Two similar completed work costing not less than the amount equal to Rs. 7.81 lakhs.				
2©	One similar completed work costing not less than the amount equal to Rs. 12.50 lakhs.				
<b>VI</b>	<b>Detail of Tools , Plants &amp; Machinery</b>	Essential			
<b>VII</b>	<b>Ability of technical and skilled manpower</b>	Essential			

Note : Non Fulfillment of any/all of the above requirements can entail disqualification of the bidder .

All the above conditions accepted

(Signature ,seal & date of issuing authority)

(Signature ,seal & date of contractor )

**BHARAT HEAVY ELECTRICAL LIMITED , JHANSI****FACTORY CIVIL DEPARTMENT****PART - B****NOTICE INVITING TENDERS**

( Applicable to all types of contracts )

**Annual Rate Contract for mis civil work in Factory area for year 2009-10**

Phone no 0510-2412285 Fax no 0510-2412120

Email kdgupta@bheljhs.co.in

website www.bhel.com/bhel/tender/login.php.

Tender No BHEL/JHS/FCX-03/09-10/

Date 12/01/2009.

- 1 Tenders are invited on behalf of the BHARAT HEAVY ELECTRICAL LIMITED JHANSI for Work - **Annual Rate Contract for mis civil work in Factory area for year 2009-10**. The work is estimated to cost **Rs 15.61 Lakhs** . This estimate , however is given merely as a rough guide .
- 2 The tender shall be in the prescribed Form .
- 3 The works are required to be completed within **Twelve months** from the fifteen days after the date on which the Engineer-in-charge issues written orders to commence the work or from the date of handing over of the site , whichever is later, in accordance with the phasing , if any , indicated by the Company/Corporation in the tender documents .the site is expected to be handed over on or about immediately .
- 4 Normally contractors whose names are borne on the approved list of contractors of MES, CPWD, PWD, RLY, other Govt dept , BHEL etc for the area in with the work lies and within whose financial category the estimated amount falls will be permitted to tender . Not more than one tender shall be submitted by a contractor or by a firm of contractors .
- 5 No two or more concerns in which an individual is interested as a Proprietor and /or a partner shall tender for the execution of the same works , if they do so all such tenders shall be liable to be rejected .
- 6 The Mgr - FCX shall be the Accepting Officer hereinafter refer to as such for the purpose of this contract .
- 7 Applications for issue of tender documents shall be submitted to Mgr-FCX so as to reach his office not later than 15.00 on **04/02/2009**.
- 8 Tender documents consisting of plans , specifications, Schedule ( s) of quantity of the various classes of work to be done ,the conditions of contract and other necessary documents will be open for inspection and sold on payment of Rs **500/-** on or before **05/02/2009**
- 9 Copies of other drawings and documents pertaining to the works signed for the purpose of identification by the Accepting Officer or his accredited representative and samples of materials to be arranged by the contractor will be open for inspection by tenderers at civil township during working hours between the dates mentioned in above clause No 8.
- 10 Tenderers are advised to inspect and examine the site and its surroundings and subsoil (so far as it is practicable ) , the form and nature of the site , the means of access to the site the accommodation they may be require and in general shall themselves obtain all necessary information as to risks , contingencies and other circumstances which may influence or effect their tender . A tenderer shall be deemed to have full knowledge of the site , whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed .
- 11 Submission of a tender by a tendered implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plants etc will be issued to him by the company corporation and local conditions & other factors bearing on the execution of the works .
- 12 A tendered should quote in figures as well as in word rate (s)tendered . The amounts for each item should be worked out and the requisite totals given . Special care in figures only in such a way that inter poleration is not possible . The total amount shall be written both in figures and in words . In case of figures the words Rs should be written before the figure of rupees and the words. 'paise" after the decimal figures e.g. Rs 2.15 and in case of words, the words 'Rupees' should precede and the words 'paise' should be written at the end . Unless the rate is in whole rupees and followed by the word 'only " it should invariably be upto two places of decimal .
- 13 All rates shall be quoted on the tender form (Price Bid) in pertantage below / above on DSR 2007 rates. All items rate of DSR 2007 is given for reference / guidance purpose only.
- 14 The work shall be awarded to the technically accepted overall lowest bidder. The quantities mentioned in the tender shall be used for comparative statement calculation and award of work. The actual quantities can vary during the course of the contract.

**(Signature ,seal & date of issuing authority)****(Signature ,seal & date of contractor )**



DM security gate upto 13:15 hours on the **06/02/2009 ( Friday )** . and shall be opened in the same day in the presence of tendereres who may be present .

- 16 The tender shall be accompanied be earnest money ( unless exempted from depositing it ) of Rs **40,000/-** in BHEL cash receipt( as permissible under Income Tax Act ) pay order or Demand draft only in favour of BHEL Jhansi .
- 17 On acceptance of tender earnest money will be treated as part of the security if applicable .
- 18 Bharat Heavy Electrical ltd. Jhansi will return the earnest money, where applicable , to every unsuccessful tenderer on the request of the tenderer and after award of work to now succesful bidder .
- 19 A tenderer shall submit the tender which satisfies each and every essential condition laid down in this notice , failing which the tender will be liable to be rejected .
- 20 The Bharat Heavy Electrical Ltd . Jhansi reserve to themselves the right of accepting the whole or any part of the tender and tenderer shall be bound to perform the same at his quoted rates .
- 21 Sales Tax or any other tax on materials in respect of this contract shall be payable by the contractor and the company /corporate on will not entertain any claim what so ever in this respect .
- 22 This notice of tender shall form part of the contract documents
- 23 The contract may be awarded on overall lowest basis only.
- 24 Income Tax shall be recovered as per the applicable laws . Presently income tax @ Rs 2.266 % of gross value of bill will be recovered from the contractor's bills.
- 25 Failure to comply with any of the above conditions can result in termination of the contract , forfeiture of the security deposite, Penalties as may be decided and and future blacklisting .
- 26 Offer must be submitted in asealed cover . The cover should bear our Tender Notice number , due date of opening and name of the bidder.
- 27 Offer should be free from overwriting or erasures. Corrections or additions, if any should be attested .
- 28 Payment of stamp duty on security deposit as per stamp duty act 1998 shall be payable .

**(Signature ,seal & date of issuing authority)**

**(Signature ,seal & date of contractor )**

**BHARAT HEAVY ELECTRICALS LIMITED , JHANSI****FACTORY CIVIL DEPARTMENT****TENDER  
FOR****Annual Rate Contract for mis civil work in Factory area for year 2009-10**

- 1 To be submitted by 13:15 Hours on **06/02/2009** to ADM - Security Gate .
- 2 Tenders shall be opened in the presence of tenderers who may be present , at 14.00 Hours on **06/02/2009** in the office of Sr Mgr -MM and Price bid shall be opened latter.

Issue to contractor

(hereinafter referred to as the Company/Corporation)

Name of contractor .....

I/We have read and examined the following documents related to the construction of

Name of Work : Annual Rate Contract for mis civil work in Factory area for year 2009-10

- (a) Technical cum commercial bid with following documents
  - Notice inviting tender
  - SCHEDULE A - List of material issue to the contractor
  - SCHEDULE B - List of Tools and Plant issue to the contractor
  - SCHEDULE C Schedule of minimum wages
  - SCHEDULE D Special conditions
  - SCHEDULE E Lead statement
  - SCHEDULE F Security Deposit
  - SCHEDULE G Reference to general condition of contract
- (b) PRICE BID
- © General Conditions of contract including Contractor's labor Regulation, Model Rules for labour Welfare and Safety Code appended to these conditions .
- (d) DSR 2007 Schedule of rates (reffered is in the General Condition of Contract as Schedule of rates)

I/We hereby tender for the execution of the works referred to in the aforesaid documents upon the terms and conditions contained or referred to therein and in accordance in all respects with the specifications, designs, drawings and other relevant details at the rates contained in schedule G.

The rates offered in price bid may be fixed under the terms and conditions of the contract and within the period ( s ) of completion as stipulated in Schedule "G" .

In consideration of I / We being invited to tender , I / We agree to keep the tender open for acceptance for **Ninty ( 90 )** days from the due date of submission there of and not to make any modifications in its terms and conditions which are not acceptable to the Company/Corporation .

A cash of Rs **40,000/-** ( Fourty thousand only ) is hereby forwarded in BHEL Cash receipt Payorder or demand draft only as earnest money . If /we fail to keep the tender open as aforesaid or make any modifications in the terms and conditions of the tender which are not acceptable to Company/Corporation . I/we agree that the Company /Corporation shall , without prejudice to any other right or remedy, be at liberty to forfeit 100 % of the said earnest money absolutely. Should this tender be accepted , I/we hereby agree to abide by and fulfill all the terms , conditions and provision aforesaid documents .

If ,after the tender is accepted , I/we fall to commence the execution of the works as provided in the Conditions, I / We agree that the Company / Corporation shall , without prejudice to any other right or remedy : be at liberty to forfeit the said earnest money absolutely .

Witness \_\_\_\_\_

Date \_\_\_\_\_

Address \_\_\_\_\_ .

Signature \_\_\_\_\_ ..

in the capacity of \_\_\_\_\_

Duly authorized to signature the tender on behalf of ( in  
block Capitals )**(Signature ,seal & date of issuing authority)**

**SCHEDULE "A"****MATERIALS FOR ISSUE TO THE CONTRACTOR**

Particulars	Rate at which material will be issued		Quantity	Place of issue
	Unit	Rs		
2	3	4	5	6
1 Cement in 50 Kg bags	50 kg bags	200/-	as per requirement	Civil store
2 Steel structure	kg	40/-	as per requirement	Civil store

Signature of Issuing officer  
Date

Signature of contractor  
Date

**SCHEDULE "B"****TOOLS , PLANT AND BUILDING TO BE HIRED TO THE CONTRACTOR**

SL NO .	Particulars	number available	Hire charges per unit Per working day Rs	Frequen cy of maintena nce	Value per unit	Place of issue
1	2	3	4	5	8	9
1	X Type quarter if available	ō ō ō .	Rs. 500/- per months		ō ō ō ō .	ō ō ō ..
2	Typr - II quarter if available	ō ō ō .	Rs. 1000/- per months		ō ō ō ō .	ō ō ō ..
3	Store building if available	ō ō ō .	Rs. 25/- per Sqm (plinth		ō ō ō ō .	ō ō ō ..
Water charges , electrical charges actual basis / commercial charges.						

Signature of Issuing officer  
Date

Signature of contractor  
Date

**SCHEDULE " C "****GENERAL TERMS & CONDITIONS FOR CONTRACTORS FOR DEPLOYMENT OF CONTRACT LABOURS UNDER SERVICE CONTRACT.**

Service contracts shall only be awarded for the works on the following terms and conditions.

**LABOUR LICENCE AND OTHER REQUIREMENTS:-**

- 1.0 Labour licence and other requirements in case of contractors working in BHEL, Jhansi and deploying 20 or more labours
- 1.1 Contractor should possess valid labour licence for the maximum number of contract labours deployed on any day from the competent authority for carrying out the various activities mentioned in the contract document.
- 1.2 No. of labours in no case should exceed the quantity of labours mentioned in the service contract, it should be amended and renewed immediately in case required to do so.
- 1.3 The contractor shall deploy such number labours in the premises of BHEL, Jhansi, as required for completion of the contract. The labours such deployed shall be his own labours.
- 1.4 In case the number of labour deployed by the contractor in premises of BHEL Jhansi exceeds the number of labour allowed in the licence then the contractor shall immediately inform the HR and concerned department. The contractor shall also apply to the licencing officer in the region for amendment in the licence within 7 days of exceeding the number of labours mentioned in the licence.
- 1.A Labour licence and other requirement in case of contractors NOT working in BHEL, Jhansi or has less than 20 workers on his rolls.
  - 1.A.1 The contractor should have worked in large/medium sized organization for atleast three years.
  - 1.A.2 The contractor should possess valid labour licence issued by licensing authority outside Jhansi region, in case he has worked outside Jhansi region and has deployed 20 or more workers in any organization.

(Signature ,seal & date of issuing authority)

(Signature ,seal & date of contractor )

1.A.3 After being eligible to apply as per para 1.A.2 if the contractor is awarded the contract then he should apply for



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in Labour Licence from Dy.Labour Commissioner, Jhansi and submit the same for award of contract. Till then award will be treated as PROVISIONAL.

to submit copy of PAN card and latest IT return.

Service Tax Registration number under relevant code head.

VAT/ TIN Number. The contractor shall not be disqualified from bidding in case the contractor does not have TIN No., however, he shall have to produced TIN No.before opening of price bid

1.8 **Stamp Duty** : Contractor should deposit stamp duty on security deposit as per Stamp Duty Act.

## 2 APPOINTMENT AND ENTRY IN FACTORY PREMISES :

2.1 The contractor shall deploy his own labours for carrying out the works contract awarded to him. At the time of appointment the contractor shall issue appointment letter alongwith terms and conditions of employment to his own labours.

2.2 The labours deployed in the manner as in 2.1 shall be allowed to enter the premises of the factory only if the terms and conditions of employment is acceptable to them.

2.3 The contractor shall submit the following to HR, contracting department and CISF

(a) The details of the labour proposed to be deployed in **annexure I**.

(b) Character certificate issued by District Magistrate's Office or Proof of remittance of fees for character certificate at District Magistrate's Office.

(c) Copy of employment card issued by contractor to his own labour.

2.4 After submission of documents as in para 2.3, the contractor shall issue photo identity card to the labour and submit to HR department. This identity card shall be forwarded by HR department to CISF, which shall then authorize the labour to enter the factory premises initially for a period of one month.

2.5 The photo identity card shall have to be revalidated every month on 25th or any other date fixed to do so. In absence of such revalidation, duly forwarded by HR department, CISF shall not allow any labour to enter the premises of BHEL Jhansi.

2.6 The contractor, besides the photo identity card shall also issue employment card to his own labours, at his own cost within a period of three days from beginning of employment in the format prescribed under Rule 76 of UP Contract Labour Rules. A copy of this format is annexed as annexure II, to these terms and conditions. A copy of this format shall have to be submitted by the contractor to the contracting department, HR department and CISF, as mentioned in para 2.3.

2.7 The contractor shall maintain a register of persons employed by him in the format prescribed under Rule 75 of UP Contract Labour Rules, 1975. A copy of this format is annexed as **annexure III**.

## 3 BILLS PAYMENT , ATTENDANCE AND PAYMENT OF WAGES

3.1 The contractor shall compile attendance everyday in respect of the labours deployed by him under the Service/job contract.

3.2 The contractor shall maintain an attendance card in respect of every labour deployed by him.

3.3 The contractor shall generate a daily statement in the prescribed format, as in **annexure IV**, annexed to these terms and conditions of deployment. This statement shall be prepared by the contractor in three copies. One copy shall be forwarded to the department and another copy shall be forwarded to HR department. The third copy shall be retained by the contractor.

3.4 The contractor shall submit bills to the contracting department on 2nd of each month.

3.5 The contractors bills should be accompanied with

a) Copy of Measurement Book entries/Statement of work done by the Contractor

b) Statement of Minimum wages of labours deployed him under the Service contract, PF/ESI no., statutory deductions etc., in the format as in Annexure V annexed to these terms and conditions.

c) PF and ESI challans for previous month- separate for concerned Service contract

d) Wage payment sheet for the previous month

e) Copy of Form-5 and Form-10 (PF monthly returns)submitted by contractor to RPFC for billing month.

f) Copy of Form 12A-regarding PF remittance

g) List of CL covered under accident insurance policy

h) Statement of material supplied by the contractor

i) Copy of Labour Licence

j) Challan of service tax payment (separate in respect of each service contract).

(Signature ,seal & date of issuing authority)

(Signature ,seal & date of contractor )



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will pass the bills of the contractor, on 3rd of each month, after checking the bills and forward them to HR department alongwith its statement as in **Annexure VI**, conditions. In case any discrepancy/non-compliance is detected then the contractor shall have two days of intimation such discrepancy. In such cases bills shall be passed by the contractor within two days of receiving such clarification.

After checking the above compliances with respect to the concerned service contract HR department after retaining copies PF and ESI Challans and wage payment sheet pertaining to previous month, Annexure V etc. (as mentioned in para 3.5 a to J) will forward the bill alongwith requisite documents ( the bill in original and service tax challan) to finance department. Finance department shall, on satisfactory compliances, on account of stamp duty charges and security deposit amount, make payment as per schedule.

- 3.8 Finance department shall, on satisfactory compliance, and after deduction on account of Security amount and TDS shall make consolidated payment on 10th of each month.
- 3.9 The contractor shall issue pay slips to his labours, deployed for undertaking activities under the Service contract, on 7th/8th of each month.
- 3.10 The contractor shall make payment to the his own labours/contract workers on 10th of each month. The payment of wages to the labours shall not be subject to payment against the bills.
- 3.11 The contractor shall remit the cheques favouring RPFC and ESI Kanpur with the appropriate banks with such period as stipulated under relevant provisions. Last date for remittance of PF is 15th and that in case of ESI is 21st of each month.
- 3.1 The contractor shall make payment of wages to his labours on due date in presence of an authorized representative of contracting department. The authorized representative shall retain a copy of wage payment sheet with him.
- 3.13 In cases where the payment to the contractor is due only after completion of work and the payment is not made monthly then the contractor shall have to produce documents as enumerated in para 3.5 above, in respect of all labours deployed by him against the contract, for each month, separately, alongwith final bill(s). Para 3.7 shall not be applicable in such cases. The contractor shall be paid through cheque in his/firm's favour.

#### 4 **Provident Fund**

- 4.1 The Contractor should allot PF account number and get the nomination form, duly filled in, from each labour deployed by him at the time of joining.
- 4.2 In case the labour already has PF/Pension account number, allotted to him, previously, then the contractor shall get the transfer form filled up at the time of joining and send to the office of concerned Regional Provident Fund Commissioner.
- 4.3 After termination of contract the contractor shall provide due assistance to the labour for withdrawal of PF/pension amount, when due.
- 4.4 The Contractor shall liaison with the PF officials to get the annual PF slips and distribute amongst his own labours.

#### 4.5 **PF CONTRIBUTION :**

##### **Employee's Contribution**

12% of Normal wages paid

##### **Employer's Contribution**

PF Contribution 3.67%  
Insp./Admn charges 1.10%  
Admn/Insp charges 0.01%  
Pension Fund 8.33%  
EDLI charges 0.5%

- 4.6 The Contractor shall submit annual returns in Form-6A and Form 3A, prescribed under statutory EPF scheme, 1952, in respect of each labour deployed by him with a copy to HR and finance department.

#### 5 **EMPLOYEES STATE INSURANCE**

- 5.1 The Contractor should allot ESI account number and get the nomination form, duly filled in, from each labour deployed by him at the time of joining.
- 5.2 At the time of joining the contractor shall get the self/family registration form filled by the labour and submit to the local ESI office.
- 5.3 The contractor shall collect the identity card issued after submission of registration form, from ESI office and handover the card to the concerned labour.

#### 5.4 **ESI CONTRIBUTION :-**

Employee's Contribution

1.75% of gross wages

Employer Contribution

4.75% of gross wages

The Contractor shall submit annual returns in Form-6 prescribed under ESI Act, deployed by him with a copy to HR and finance department

(Signature ,seal & date of issuing authority)

(Signature ,seal & date of contractor )

## 6 Bonus



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to pay statutory bonus under Payment of Bonus Act, 1965 and submit proof of the  
will be made by BHEL .

- responsible for the discipline of his own labours deployed under the works contract. In case of any loss to the BHEL Jhansi on account of indiscipline of contract labour then such loss shall be assessed and recovered from the running bills of the contractor or from the security deposit
- 7.2 The contractor shall not employ any person who has not completed his 18 years of age.
- 7.3 The contractor shall not employ any person who has attained 55 years of age.
- 7.4 The contractor, on advise of authorized BHEL official, shall immediately remove any person employed by him, who may in the opinion of such authorized BHEL official is involved in misconduct. Such person shall not be employed by the contractor without prior permission.
- 8 **LEAVE WITH WAGES TO CONTRACT LABOUR :-**  
Guidelines as per UP factories Rules 1950 should be strictly observed with regard to crediting/availment of leave. Register as prescribed under the said rules should be maintained by the contractor.
- 9 **INDEMNITY BOND/COMPLIANCE OF LEGAL PROVISION**
- 9.1 The contractor shall at all times indemnify the company/corporation against all claims, damages or compensation under the provision of Factories Act, 1948. Contract Labour (R&A) Act-1970, payment of wages Act-1936 Minimum Wages Act- 1948, Payment of Bonus Act-1965, Employees Provident Fund and Misc, Act-1952, Employees State Insurance Act-1948, Employers Liability Act-1938, Workman's Compensation Act-1923, Industrial Dispute Act . 1947, Maternity Benefit Act- 1961, Inter State Migrant Workmen Act-1979, Payment of Gratuity Act-1992 or any modification thereof or any other law relating thereto and rules made thereunder from time to time or as consequence of any accident of injury to any workman or other persons in or about the work whether in the employment of contract or not save the except whether such accident or injury has resulted from any Act of the Company/ Corporation, its agents, or servants, and also against all costs/ charges and expenses of any suit, action or proceeding paid to compromise or settle any such claims.
- 10 **GENERAL TERMS AND CONDITIONS :-**
- 10.1 In case of non satisfactory performance of the contract, BHEL shall have a right of forfeiting the security deposit. In case of any dispute, decision of concerned Head of the Department will be final.
- 10.2 The work shall be supervised by the contractor or through the authorized representatives on day to day basis.
- 10.3 The Contractor shall compensate BHEL for any loss or damage to the plant/property, material of BHEL due to his workmen/representatives negligence or otherwise during execution of work.
- 10.4 In the event of contractor abandoning the work or BHEL revoking the contract BHEL shall have a right to get incomplete work completed at contractor's risk and cost. BHEL shall have a right to terminate the contract at any time without assigning any reason thereof.
- 10.5 The Contractor shall get the character antecedent of his own labour verified from District Magistrate's office and intimate the same to the management.
- 10.6 The contractor shall deposit an amount of Rs1,42,075/- as security deposit in the manner as prescribed under Clause 8.2 of Works Policy of BHEL. This security deposit shall be liable to be returned to contractor after completion of contract and fulfillment of contract and statutory obligations.
- 10.7 Security deposit will be released on submission of following certificates from departments mentioned as under:-
- Completion of work and certification of payment of minimum wages to contractors labours from contracting department and after defect liability period. .
  - Certificate of compliance of labour laws from HR department.
  - No-dues certificate regarding service tax payment,
  - Certificate of payment of bonus duly certified by concerning dept.
- 10.8 The contractor shall provide required safety equipments to the labours engaged by him.
- 10.9 Notwithstanding anything contained in this Agreement, the contract may be terminated by BHEL without assigning any reason thereof by giving a notice of 15 days to the contractor.
- 10.10 The contract will commence on 1/03./2009 and will remain valid for a period of twelve month(s) till 28/02/2010. The parties reserve the right to extend the contract on mutually agreed terms and conditions.
- 11.0 **CONTRACTOR'S COMMISSION :-**  
If there is any changed in Minimum Wages, Statutory contribution/Taxes/Duties (i.e. PF/EDLI, ESI, etc. ) the same will be borne by the contractor .
- 12  
Any matter of dispute arising out of or in connection with this contract shall be under jurisdiction of Jhansi Court only.

(Signature ,seal & date of issuing authority)

(Signature ,seal & date of contractor )

**SCHEDULE " D "****SPECIAL CONDITIONS OF CONTRACT**

f contract shall an integral part of this contract . ( The BHEL General condition of contract

contract (SCC) shall have overriding priority over General Conditions of Contract(GCC).

whenever there is any contradiction between the GCC and SCC, the SCC shall be treated as final.

- 3 The following General Conditions of Contract shall not be applicable; they shall be treated as deleted: 9(d), 34.A.2, 34.A.3, 34.A.4, 34.A.5, 34.A.6, 34.A.7, 34.A.8, 34.A.9, 34.A.10, 34.A.11, 34.A.12, 51.1 (b), 51.2, 51.3, 52.1, 53(b).2, 53(c), 53(d), 53(e), 53(e).1.
- 4 The contractor shall take necessary precautions for the safety of his workmen .
- 5 The contractor shall take proper care to avoid any damage to BHEL property . If any damage does take place , the contractor will be fully responsible for the same .The decision of Engineer in charge in such case shall be final and binding on contractor .
- 6 The contractor will follow all safety rules required in connection with execution of such type of works.
- 7 The contractor will have to get his workman insured at his cost. Work order will be issued on productions of this document to the deptt.
- 8 The contractor shall make his own arrangement for his residing the supervisor near by the township for execution/interest of work. If availsblethe BHEL can provide the accommodation at commercial rent (electric charger and water charge extra ) as per rule.
- 9 The Workman Compensation Act , its implications , licensing and liabilities of Minimum Wages Act will be entirely the responsibility of the contractor .
- 10 The workers should be trained enough for the work and should be engaged on approval of the engineer -in charge .
- 11 No minor worker will be allowed to work .
- 12 The contractor is advised to take insurance policy to cover accident risk under Workmen's Compensation Act in respect of workmen engaged by him .
- 13 The contractor shall be wholly responsible for the behavior of his workmen with the office staff and with the residents of the township .
- 14 Contractor will have to ensure that the work places are entirely cleaned .
- 15 In case any time contractor fail to arrange the work BHEL will deduct the expenses to make alternate arrangement for the same .
- 16 The EMD of Rs 40,000/- deposited by the successful bidder shall be released after deposit or adjusted in Security.

17 **EXECUTION OF CONTRACT:**

17.1 The successful Tenderer's responsibility under this contract commences from the date of issue of the Letter of Intent by Bharat Heavy Electricals Limited. The successful tenderer shall be required to execute a contract in the "Prescribed form' as per GCC with BHEL within 15 days after the acceptance of his tender and in any case before the commencement of work. The expenses for completion and stamping and registration of the agreement with prescribed authority, if necessary shall be borne by the Contractor.

17.2 The contractor shall commence the work within the time indicated in the Letter of intent and shall proceed with the same with due expedition without delay.

17.3 If the successful tenderer fails to commence the work within the stipulated time, BHEL, at its sole discretion, will have the right to cancel the contract. His Earnest money and/or Security Deposit will stand forfeited without any further reference to him without prejudice to any and all of BHEL's other rights and remedies in this regard.

17.4 All the works shall be carried out under the direction and to the satisfaction of BHEL.

- 18 Work shall be carried through out work period ( contract period ) without intrusion due to any Sunday /holiday round the clock and contractor has to make suitable arrangement for the same without any extra compensation .
- 19 The contractor has to obtain registration no service tax code & account code etc from commissionerate of central exise and service tax , Kanpur without which tender shall not be issued . He shall have to comply with the requirement of the commissionerate .
- 20 The payment shall be made on the basis of mesurement only as per unit given in schedule . The contractor or his supervisor /authorised person maintained a register and entry the work /measurement immidiatly and verified daily/after the work by BHEL supervisor .

21 **MEASUREMENT OF WORK AND MODE OF PAYMENT**

21.1 All payments due to the contractor shall be made by `Electronic Fund Transfer'. For this purpose the contractor has to give his account details in the standard format to be provided by BHEL Jhansi.

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(Signature ,seal & date of contractor )



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21.2 All payments will be made as per "Price Schedule" only after completion of that work. The measurement Book as running account (RA bill) & both the party will sign from the contractor for the month/period shall be effected in full from unless specific approval from competent authority is obtained to the could be I.Tax, Service tax, VAT, Stamp duty on S.D, Water charges etc.

21.4 Measurement shall be restricted to that quantity for which it is required to ascertain the financial liability of BHEL under this contract.

21.5 The contractor shall bear the expenditure involved if any, in meeting requirements. The contractor shall, provide all the assistance with appliances and other thing necessary for measurement or re-measurement.

21.6 Passing of bills covered by such measurement does not amount to acceptance by BHEL of the completion of the work measured. Any left out work has to be completed by the Contractor, as directed.

21.7 Final measurement bill shall be prepared in the proforma prescribed for the purpose, based on the certificate issued by the Engineer that the entire work as stipulated in the tender specifications has been completed in all respect to the entire satisfaction of BHEL. The Contractor shall give unqualified 'No claim' and 'no demand' certificate. The abstract of final quantities and financial values shall also be entered in the measurement book and signed by both the parties. The final bill shall be paid within a reasonable time after completion of the work. After the payment of final bill, only the guarantee obligation percentage value shall remain unpaid, which will be released as per GCC.

NOTE : Normally it takes approximately 60 days for the payments to be released by BHEL after recording the measurements.

- 22 In all cases of disputes emanating from and in reference to this agreement contract and all questions, disputes for difference of any kind what so ever arising out of or relating to this agreement contract the matter/dispute shall be referred to the arbitration of the sole arbitration of Executive director/Group general manager/General Manager of BHEL, Jhansi or any other person (including an employee of BHEL) even though he had to deal with the matter relating to this agreement contract nominated by the said Executive Director/GGM/GM to act as sole arbitrator. The arbitrator shall be under the arbitrator and conciliation act of 1996 and the rules there under. The arbitrator may from time to time with the consent of the parties enlarge the time for making and publishing the award. No person other than the above or his nominee can act as arbitrator. The venue of arbitrator shall be at Jhansi or the place decided by the arbitrator. The award of the arbitrator shall be final and binding on the parties of this agreement. The court at Jhansi only should have jurisdiction in the case/matter.
- 23 The works have to be carried out as per CPWD specifications 1977, Wherever CPWD specifications are silent, the work shall carried out as per BIS specifications. In case of defective BHEL will have full right to reject the work or part thereof. Such defective work if any, will have to be rectified at contractor's cost. The opinion of Engineer in charge shall be final in this matter. If the defective work is allowed to stand BHEL shall have the absolute right to reduce the rates for such items and the contractor shall have no claims over such defective work allowed on reduced rates. For cement wastage upto 2%, Reinforcement steel up to 3% and Structural steel 5% shall be allowed and charged at issue rates. Over and excess this quantity the deduction will be at double the issue rates. The steel scrap returned to BHEL shall be paid for Rs 5000/- per MT.
- 24 The contractor shall have to make his own storage sheds for materials to be issued by BHEL. If deemed necessary by engineer in charge, the contractor shall make separate store for cement with double lock system. The empty cement bags shall be stocked at one place and atleast 90% of them shall be returned to BHEL at BHEL stores in good condition without any payment therefore. If the total quantity of 90% empty cement bags are not returned by the contractor, the same will be recovered at the rate of Rs 3/- per bag from the bills.
- 25 Electric power for the legitimate use in the work shall be provided free of cost.
- 26 In case an electrical contractor is simultaneously working with the civil contractor, the civil contractor shall coordinate his work in such a fashion that the surface of the wall of floor is finished smoothly and no patches or broken edges remain, In other words the civil contractor shall make good the damages etc. arising due to electrical wiring, conduits, switch boards, main switches, electric meters etc.
- 27 Necessary quality checks for material as like bricks, steel, sand concrete, sanitary fittings, pipes & pipe fittings etc shall be conducted as per BIS/CPWD specifications. The cost for these tests shall be borne by the contractor.
- 28 The quantity of each item has been mentioned in the tender on tentative. The actual quantity will be as per work given. The quantity may vary as per requirement. The contract may be awarded on overall lowest basis only.

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(Signature, seal & date of contractor)



**SCHEDULE " E "**  
**LEAD STATE MENT**

Name of Material	Name of source	Lead particulars
Cement	BHEL Store	1 KM
Steel Structure	BHEL Store	1 KM

Signature of contractor

Signature of Issuing officer

**SCHEDULE " F "**  
**Security Deposit**

**Security Deposit – As per Work policy**

Security Deposit should be collected from the successful tender. The rate of Security Deposit will be as below:

Upto Rs 10 lakhs	10%	Rs.	1,00,000/-		
above 10 lakhs	7.5%	Rs.	42,075/-	( for Rs 15.61 lakhs )	42075
<u>Total Security</u>		Rs.	1,42,075/-		

The security deposit will be collected before start of the work by the contractor :-

- (i) Cash (as permissible under the Income Tax Act)
- (ii) Pay Order, Demand Draft in favour of BHEL, Jhansi.
- (iii) Securities available from Post Offices such as National Saving Certificates, Kisan Vikas Patras etc.
- v) Bank Guarantee from Scheduled Banks/Public Financial Institutions as defined in the Companies Act subject to maximum of 50% of the total security deposit value. The balance 50% has to be remitted either by cash or in the other form of security. The Bank Guarantee format should have the approval of BHEL, Jhansi.
- vi) Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The FDR should be in the name of the contractor, A/C BHEL Jhansi, duly discharged on the back.
- vii) Security deposit can also be recovered at the rate of 10% from the running bills. However in such cases at least 50% of the Security Deposit will be collected before start of work and the balance 50% may be recovered from the running bills.
- viii) EMD of the successful tender can be converted and adjusted against the security deposit.
- ix) The Security Deposit shall not carry any interest.

**Note:** Acceptance of the Security Deposit against SI No (iv) and (vi) above will be subject to hypothecation or

**I/we agree with the above**

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## SCHEDULE " G "

Reference to general condition of contract

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Authority		MGR - FCX	
3 (i)	Market Rate percentage addition to cover overheads and profit.	-----	
9	Earnest money : security deposit		
	(a) Estimated cost of the works	Rs 15.61 lakhs	
	(b) Earnest money -	Rs 40,000 /-	
	(c) Security deposit The rate of security deposit as below .		
	Upto Rs 10 lakhs	10%	Rs. 1,00,000/-
	above 10 lakhs	7.5%	Rs. 42,075/-
	<b>Total Security</b>		<b>Rs. 1,42,075/-</b>
10 (iv)A (A)	Permissible deviation limit for any contract item , substituted item or contract -cum substituted item in excess of the original value of the item ( Applicable percentage Rate Contracts)	25 percent or Rs 20,000 whichever is higher	
10 (vi)A (b)	Permissible deviation limit for an individual trade item ( Applicable to Lump sum Contracts only )	-----	
10 (vii)A (c)	Permissible deviation limit for items of work not already included in the contract .	10%	
11 (vii)B (a)	Permissible deviation limit for an individual trade item .	-----	
12	Suspension of work		
12 (b) (ii)	Percentage payable to cover Contractors indirect expenses for suspension exceeding thirty days and not exceeding 3 months .	NA	
(c)	Percentage payable to cover Contractor's indirect expenses for suspension exceeding 3 months .	NA	
13	Time allowed for execution of work	Twelve months	
13 (h)	Authority competent to decide if " any other cause ' of delay is beyond Contractors 's Control .	AGM -WE&S	
32	Authority competent to reduce compensation amount	AGM -WE&S	
33	Defects liability period.	Twelve months	
57	Authority for appointing arbitrator	Unit Head	

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**BHARAT HEAVY ELECTRICAL LIMITED , JHANSI**  
**FACTORY CIVIL DEPARTMENT**  
**BLANK PRICE BID**

The contractor shall submit signed blank price bid )

**Rate Contract for civil work in Factory area for year 2009-10**

S.No.	Ref: DSR 2007	Description of Items	Unit	Qty	Rate DSR 2007	Rate offered by contractor in percentage (above / below of DSR 2007)
1	1.1.2/4/54	Carriage of Earth up 1 km . By mechanical transport including loading unloading and stacking .The rate will be applicable to net quantities after deduction of prescribed percentage for voids mentioned in the specification under sub head 'Carriage of materials "	Cum	150	49.42	..... % Above / Below for S. No. 1 to 70
2	2.6.1/64	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed for all kinds of soil.	Cum	290	101.85	
3	2.25/67	Filling available excavated earth in trenches, plinth sites of foundations etc in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering , lead up to 50 meters and lift upto 1.5 mtr	Cum	100	45.70	
4	4.1.3/79	Providing and laying in position Cement concrete -1:2:4 ( 1 Cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size) excluding the cost of entering and shuttering all work upto plinth level .	Cum	20	3257.45	
5	4.1.8/79	Providing and laying in position Cement concrete -1:4:8 ( 1 Cement: 4 coarse sand : 8 graded stone aggregate 40mm nominal size) excluding the cost of entering and shuttering all work upto plinth level .	Cum	40	2449.00	
6	5.1.3/88	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	10	3359.60	
7	5.3/88	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15- landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	Cum	22	3673.85	
8	15.7.4/226	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	Cum	5	310.75	
9	5.9.3/89	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform.	Sqm	70	187.35	
10	5.22/92	Reinforcement for R.C.C.work including straightening , cutting ,bending , placing in position and binding all complete Cold twisted bars	Kg	1800	42.70	
11	5.24/92	Extra for rendering smooth the top of suspended floors, landings and staircases (treads and risers) with cement mortar 1:2 (1 cement : 2 coarse sand) including a floating coat of neat cement and protecting the surface with a layer of 7.5 cm of earth laid over 15 mm of fine sand in case of suspended floor and bricks laid in mud mortar in case of landings and steps including subsequent removal and cleaning of the same.	Sqm	70	47.40	
12	6.1.2/99	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	10	2121.75	

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		1:6 ( 1 cement : 6 fine sand )	Sqm	400	67.65	.....% Above / Below for S. No. 1 to 70
		1:6 ( 1 cement : 6 fine sand )	Sqm	400	78.55	
		plaster of paris putty of 2 mm and surface to prepare the surface ete	Sqm	250	47.20	
29	13.37.1/204	(three or more coats) to give an even shade: New work	Sqm	250	6.75	
30	13.39.1/204	Colour washing such as green, blue or buff to give an even shade : New work (two or more coats) with a base coat of white washing with lime	Sqm	500	9.30	
31	13.41.1/204	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including priming coat with cement primer.	Sqm	500	41.55	
32	13.43.1/204	Applying one coat of cement primer of approved brand and manufacture on wall surface : Cement primer.	Sqm	300	17.20	
33	13.60.1/206	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work	Sqm	500	40.05	
34	13.62.1/207	Painting with synthetic enamel paint of approved brand and manufacture of requird colour to give an even shade two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	Sqm	400	51.30	
35	15.12.1/227	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking w ithin 50 metres lead : Of area 3 sq. metres and below	Each	8	54.60	
36	15.56/231	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	36	8.20	
37	16.15.1/241	R.C.C. Standards post/ struts/rails/ pales of mix 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 12.5 mm nominal size) with wooden plugs or 6mm bar nibs wherever required as per direction of Engineer-in-charge (cost of earth works in excavation, concrete works in foundation to be paid separately).	Cum	1.20	12473.10	
38	16.17/242	Fencing with R.C.C. post placed at required distance, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with horizontal lines and two diagonals of barbed wire 9.38 kg per 100 metres (min) between the two posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and concrete to be paid for separately) :- Payment to be made per metre cost of total length of barbed wire used. With G.I. barbed wire	M	500	5.85	
39	17.1.1/263	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	Nos	5	2304.65	
40	17.2.1/263	Providing and fixing white vitrous china pedastal type water closet European type W.C. pan with seat and lid , 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required WC pan with ISI mark white solid plastic seat and lid .	Nos	5	2152.50	

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		white vitreous china flat back or front urinal basin of 340x410x265mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern.	Nos	1	3393.60
42	17.6.2/264	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 30x260x350mm and 340x410x265mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : Range of four urinal basins with 10 litre white P.V.C. automatic flushing cistern.	Nos	1	5789.45
43	17.7.2/264	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap.	Nos	6	1201.70
44	17.31/267	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Nos	6	493.65
45	18.9.1/292	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge. 15 mm nominal outer dia .Pipes.	M	30	92.60
46	18.9.2/292	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge. 20 mm nominal outer dia .Pipes.	M	40	107.70
47	18.10.1/292	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. 15 mm dia. nominal bore	M	100	105.85
48	18.12.2/292	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 20 mm dia. nominal bore	M	50	116.60
49	18.15.1/293	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	Each	20	191.70
50	19.1.2/315	Providing, laying and jointing glazed stoneware pipes grade A with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 150 mm diameter	M	50	151.65
51	19.6.2/316	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 150 mm dia. R.C.C. pipe	M	50	202.85

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52	19.7.1/317	<p>dry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) R.C.C. top slab with 1:2:4 mix (1 cement : 4 graded stone aggregate 20mm nominal size) foundation concrete 1:4:8 mix (1 cement : 8 graded stone aggregate 20mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :</p>	Each	2	5383.70
53	21.1.1.1/337	<p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately) : For fixed portion Anodised Aluminium ( anodised or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15)</p>	kg	50	290.45
54	21.1.2.1/337	<p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately) for fixed Anodised aluminium ( anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15)</p>	kg	25	310.45
55	21.2.2/337	<p>Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides.</p>	sq mtr	5	812.6
56	21.3.1/338	<p>Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item)with float glass panes of 4.0 mm thickness .</p>	sq mtr	10	554.95
57	21.3.2/338	<p>Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item)with float glass panes of 5.50 mm thickness .</p>	sq mtr	10	673.55

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Double action hydraulic floor spring  
manufacture IS : 6315 marked, for  
cutting floors as required,  
d cover plates with brass pivot and  
outer box with slide plate  
direction of Engineer-in-charge with  
te

			Nos	5	1733.5	.....% Above / Below for S. No. 1 to 70
59	21.8.1/338	Filling the gap in between aluminium frame & adjacent RCC/Brick /stone work by providing weather silicon sealant over backer rod of approved quality as per architectural and direction of Engineer-in-charge complete.	mtr	50	58.85	
60		Any or other item not covered above but covered in DSR 2007	basic value		100000.00	
		<b>Supply of items as per approved by engineer in charge</b>				
61	0020/1	Hiring of Hydraulic Excavator ( 3D) with driver and fuel	Day	5	6000.00	
62	18/1649/280	Polyethylene water storage tank with cover and suitable locking arrangement	Per litre	2000	4.00	
63	0039/2	Hiring of tractor trolley with operating staff .	per day	20	1000	
64	983/13	Fine sand	Cu meter	50	320.00	
65	0295/5	Stone aggregate-20mm	Cu meter	10	700.00	
66	0298/5	Stone aggregate-6mm	Cu meter	10	750.00	
67	0297/5	Stone aggregate-10mm	Cu meter	10	700	
68	0293/5	Stone aggregate-40mm	Cu meter	10	650	
69	2602/97	FPS Bricks class designation 75	Nos	10000	1.90	
70	7060/131	Hydraulic door closer tubular type Aluminium section body of approved brand .	Nos	10	765.00	
		<b>Sub total A</b>				
		<b>Non schedule items</b>				
71	EX-1	Fabrication & erection of steel structure (steel supplied by BHEL) including primer & painting of approved brand ( 1st quality of Asian/Berger/Nerolac/Shalimar make ) .(Rate as per agreement BHEL/JHS/CED fy-04/08-09 d t 10/7/2008)	Kg	1800	.....	
72	EX-2	Providing and fixing A.C. Sheets 6mm thick(1.5 mtr to 3.0 mtr long ) complete with Hook, GI washer ,Nut, Bitumen washer approved by engineer incharge . (Rate as per agreement BHEL/JHS/CED fy-04/08-09 d t 10/7/2008)	Sqm	150	.....	
73	EX-5	P/F PVC floor 1.5mm thick as per approved quality , brand and colour by Engineer in charge ( Rate as per agreement no ARC/Fy-03/08-09)	Sqm	39	.....	
74	EX-6	Removal of existing AC Sheet 6mm thick ( 1.5 mtr to 3.0 mtr long ) and making proper staking of servisable items and disposal of non useable material up to 500 meter lead . ( Rate as per agreement no Fy-04/08-09)	Sqm	100	.....	
75	EX-7	Refixing of old AC Sheet on labour basis ( all material supplied by BHEL) ( Rate as per agreement no ARC/ FY-03 /08-09)	Sqm	100	.....	
76	EX-8	Dismantalling of Steel structure including cutting lowering etc and making proper staking of servisable items and disposal of non useable material up to 500 meter lead . ( Rate as per agreement no Fy-04/08-09)	Kg	800	.....	
77	EX-9	Re-erection of dismantled steel structure including welding ,cutting as per direction of engineer in charge and etc primer & painting of approved brand ( 1st quality of Asian/Berger/Nerolac/Shalimar make ) .(Rate as per agreement BHEL/JHS/CED fy-04/08-09 d t 10/7/2008) .	Kg	800	.....	
		<b>Service Tax extra @ 4.0788%</b>				

( Note- .Item no 1 to 70 must be offered in % below /above on CPWD DSR- 2007 and item no 71 to 77 in item rate).

**Note : Contractor should not offer their rate in this blank price bid.**

(Signature ,seal & date of issuing authority)

(Signature ,seal & date of contractor )