TENDER DOCUMENT

FOR

Replacement of sluice gate no. 5 at Barrage, UCIL Jaduguda
TENDER DOCUMENT

FOR

Replacement of sluice gate no. 5 at Barrage, UCIL Jaduguda

1. To be submitted on or before 3.00 p.m. on 31/03/2017 in the Office of DGM (I/P & IRs.)

2. Tenders only (Technical part) shall be opened in presence of tenderers who may present at 3.30 PM on 31/03/2017 in the office of DGM (I/P & IRs.)

Issued to M/s.__________________________________________________________

                        (Contractor)

Signature of officer issuing the tender document :__________________________

Designation :__________________________

Date :__________________________
NOTICE INVITING TENDER

Sealed items rate tenders in two parts (Part-I Technical part one set and Part-II Price part) are invited (schedule of Items & Rates in triplicate) from bonafide, resourceful, reliable, experienced and reputed contractor for executing the following work at Jaduguda:-

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<th>Sl. No.</th>
<th>Name of the work</th>
<th>Estimated Value including all taxes &amp; duties (Rs.)</th>
<th>Earnest Money Deposit (Rs.)</th>
<th>Cost of Tender Document (Rs.)</th>
<th>Completion Time</th>
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<td>1</td>
<td>Replacement of sluice gate no. 5 at Barrage, UCIL Jaduguda</td>
<td>81 lakhs/-</td>
<td>1,60,000/-</td>
<td>1000/-</td>
<td>03 (Three) Months</td>
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1. Date of sale of tender document from 10/03/2017 to 30/03/2017
2. The tender document for the above tender shall also be available in UCIL website (www.uraniumcorp.in) from where the tenderer may download the tender document, in which case, they will have to deposit the cost of tender document through SBI Challan along with bid document.
3. Last date & time of submission of filled tender document in the office of DGM (I/P & IRs.) Jaduguda up to 3.00 p.m. on 31/03/2017
4. Date & time of tender opening (only technical part) at 3.30 PM 31/03/2017

5. Pre qualifying criteria
   A.) The party shall have fabricated & erected mechanical gate of minimum size of 60 m² used in hydro power project/barrage/irrigation project/water resource project. The party shall submit the documentary evidence in support of their inline experience.
   B) i.) The party has executed single order of Rs. 64.80 lakh for fabrication & erection of mechanical gate used in hydro power project/barrage/irrigation project/water resource project. Or
       ii.) The party has executed two orders of Rs. 40.50 lakh each for fabrication & erection of mechanical gate used in hydro power project/barrage/irrigation project/water resource project. Or
       iii.) The party has executed three order of Rs. 32.40 lakh each for fabrication & erection of mechanical gate used in hydro power project/barrage/irrigation project/water resource project.

   C) The average annual turnover of the party during the last three years ending 31st March 2016 should not be less than Rs. 24.30 Lakh.
6. The party has to enclose the previous work order copy to verify the authenticity.

This is an Open Tender in two parts (Technical part & Price Part) – Full details, terms & conditions & other specification of work will be available in the tender document, which can be obtained from the office of DGM (I/P & IRs.) Jaduguda on payment of cost of tender document (non-refundable).
through SBI Challan on all working days except Saturday, Sunday & Holiday between 9.30 AM to 11.30 AM & 2.30 PM to 4.30 PM from 10/03/2017 to 30/03/2017. The successful tenderer shall have to comply with provisions of contract labour (Regulation & Abolition) Act, 1970 and EPF & MP Act, 1952 and rules framed there under. The Corporation reserves the right to accept or reject any or all tenders either in full or part or to split up the work, if necessary without assigning any reasons therefore.

For Chairman and Managing Director
Uranium Corporation of India Limited

Distribution (Notice Boards)

HOD (F) for information and please depute your representative during tender opening
D.G.M. (Accounts) W
DGM (I/P & IRs.)
Gen. Admn.
Engineer-In charge
Company Secretary – For display the NIT in the Company Website & English and Hindi Newspaper.

CKJ/ s.k.s
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1. **Insurance** :-
The contractor shall ensure & maintain insurance against his liability for accident or injury to workmen or machineries used for the work and shall submit two copies of the policy & receipts of premiums paid or satisfactory evidence of insurance coverage at their own cost valid for whole working / contract period at a time for all the persons to be engaged to the Engineer-in-charge, UCIL before the commencement of work. Contractor shall also submit the proof of renewal of the same policy at least two days before the expiry date of the previous policy to the Engineer-in-charge UCIL. The contractor will not be allowed to carry out any activity without necessary insurance coverage (mentioning working height depend upon the job requirements and as per insurance rules) of their persons. **Insurance policy shall also indemnify UCIL against any claim raised by the injured / affected workmen or his family.**

2. **Safety Rules & Regulations for contractor’s employees** :-
UCIL’s Safety Rules & Regulations for contractor’s employees as given in the Annexure-A will be complied strictly during the execution of various works at site. Contractor has to follow the Safety Rules & Regulations as per Indian Electricity Rules to do the electrical works. **UCIL shall not provide any safety appliances and tools & tackles under any circumstances. Contractor shall ensure the use of safety appliances during the work at site.** Contractor will take full safety measures and arrange the necessary safety gadgets / appliances, tools & tackles, helmet, gumboot, safety belt, shockproof shoe, safety suit / uniform, goggles, gloves, apron, ladders, trolley, wheel barrow, bamboos, rope, machineries, scaffolding, etc. required for the work by their own cost so as to ensure that no damage, loss or injury to corporation’s personnel, contractors’ personnel, third party or equipment are caused due to the work being carried out by contractor. Contractor must report in writing (duplicate) to the Engineer-In-charge or Safety Officer (Mill)-UCIL immediately on becoming aware of any accident at their site.

3. **Security Rules & Regulations and Entry Passes** :-
Contractor shall strictly abide by the prevailing security rules and regulations and also to be enforced by UCIL time to time. **Entry to the works premises is strictly restricted and only bonafide pass (permission) holders are allowed.** The contractor will have to submit the details of the persons to be employed for this work within two days of award of work. The contractor will be allowed to start the work only after submission of the details in prescribed verification forms (in duplicate) along with passport size photograph for each labourer separately to the Competent Authority, UCIL. Contractor will make necessary Entry Passes from concerned officials of CISF Unit, UCIL sufficiently in advance.

4. **Muster Roll** :-
The contractor has to submit a copy of the muster roll every week to the Engineer-in-charge, UCIL after making minimum rate of wages payable to different categories of workmen covered under Minimum Wages Act, 1948 in presence of the representative of UCIL & contractor will also make arrears payment if any, under intimation to the Engineer In charge-UCIL.
5. **Temporary work closure:**
   If the work site is required to be suspended for some days / period because of non- availability of shutdown or any reason, contractor may close the site temporarily underwritten intimation \emph{in triplicate} to the Engineer–in-charge, UCIL. During the above period, the contractor will be in touch with the Engineer-in-charge- UCIL for further instructions, if any & contractor will provide their contact address with phone numbers. No extra claim against any idling of contractor’s site crew / staff & machineries, etc. will be entertained.

6. **Visit of Site and Locality prior to quote rate (s):**
   Before submission of tender, the tenderers are advised to make themselves fully conversant with the \textbf{SCHEDULE OF ITEMS, SCOPE OF WORK, SPECIAL CONDITIONS, GENERAL CONDITIONS OF CONTRACT, ANNEXURE-A (LABOURERS) & ANNEXURE-B (SAFETY OF CONTRACTOR’S EMPLOYEES)}, if any. They are also advised to physically visit the site to understand the site working conditions, nature of jobs prior to quote for the same. Also request to inspect the motor / machine / fans /AC and other equipments etc.

7. **Variation in Quantity of items:**
   The quantity mentioned under the “schedule of item (s)” of this tender is tentative. The actual quantity may vary from that indicated in the tender document due to actual conditions of the site or due to other reasons. The contractor shall carry out all additional work up to the total \textbf{variation of \pm 10 \% of the awarded value}. The other terms & conditions and rate (s) shall remain firm within this limit. \textbf{Variation of item wise quantity within the ordered value shall be there}.

8. **Indemnity:**
   Contractor will fully indemnify the corporation against all responsibility and whatsoever arising out of accident / injury to contractor’s workmen, third party or to corporations’ personnel and properties.

9. **Documents not transferable:**
   Tender documents are not transferable. These tender documents are the property of corporation. Contractor shall keep one copy of the documents at site in good condition for inspection and use by the Engineer-In-charge, UCIL or his representative or by other inspecting officer. None of these documents shall be used by the contractor for any purpose other than that of this contract.

10. **Medical facilities:**
   The contractor shall be fully responsible for any first aid / emergency treatment or serious medical treatment to his employees. UCIL will provide medical facilities on chargeable basis to contractor’s employees.

11. **Labour Licence:**
   Labour Licence for the workmen to be engaged for this work shall be obtained by the contractor as per provision of Contract Labour (Regulation and Abolition) Act, 1970 as may be applicable and as amended from time to time.
12. Labour Acts & Rules :-
The contractor shall (in respect of labourers employed by him) strictly comply with provisions of the following Act & Rules made there under in regard to all matters provided therein or any modifications thereof or any other law relating thereto from time to time.

i) Workmen Compensation Act-1923,
ii) Payment of wages Act-1936
iii) Employees Liability Act, 1938
iv) Industrial Dispute Act, 1947
v) Minimum Wages Act, 1948
vi) Employees State Insurance Act, 1948
vii) Mines Act, 1952
viii) EPF & MP Act, 1952
ix) Contract Labour (Regulations & Abolition) Act, 1970
x) All statutory provisions of Atomic Energy Regulatory Board

13. GENERAL SAFETY GUIDELINES TO BE FOLLOWED:

1. The contractor shall train and build up a general awareness in safety among the workers and staffs as a continuous effort throughout the contract duration. He shall develop and nurture a good safety culture among the staff and workers for an incident free completion of the work order.

2. Safety Induction Training: The contractor shall ensure that each and every new worker attends initial safety induction training before reporting at respective place of work. The workers shall report to the safety officer first for receiving safety induction training and after successful completion of such training they shall report to respective site engineer. The safety officer shall intimate the workers about the probable hazards related to the work and shall explain and demonstrate the importance and use of PPEs to them.

3. Pep talk, Tool box training: Subsequent to the initial safety induction training, the contractor site supervisor shall also conduct safety pep talks and tool box training for various teams of workers in regular interval at site. He shall arrange pep talks / tool box training on work related topics like use of various PPEs and tools, housekeeping, hot job, electrical works, etc. He shall solicit active participation of workers in such tool box training by asking them to share their experience with their fellow workers.

4. All necessary personal safety equipment as considered adequate by the Engineer-in-Charge should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use, and the contractor should take adequate steps to ensure proper use of equipment by those concerned.

5. All persons employed or supervising at and / or visiting the construction site shall use safety helmets. The colour coding of helmets may be adopted by the contractor as per site requirement. The contractor shall provide safety shoes for all his workers, supervisors, staffs and visitor/visiting staffs.

6. Persons engaged in welding and gas cutting works shall use appropriate welding face shields, leather hand gloves and protective clothes. The persons who assist the welders shall use appropriate goggles.

7. Persons working at height above ground level or floor and exposed to risk of falling down shall use full harness safety belts, kinetic shock absorbers, fall arrestor, life lines, and grab ropes. The working platform and access shall be protected by cages, guard railings, etc. The area beneath shall be protected by safety net of adequate strength (as per IS: 11057 – 1984) fastened to substantial supports.
8. **Personal Protective Equipment**: All necessary personal protective equipment (PPE) shall be provided by the contractor at his own cost, for his workers, supervisors, staffs and visitor/visiting staffs. All PPEs shall conform to relevant IS code / ASTM / BS or any other international code of practice as given under. The contractor shall make available all type of personal protective equipment for use of workers, supervisors and visitors at site as considered necessary by the Engineer-in-charge and they shall be maintained in a condition suitable for immediate use. Also the contractor shall take adequate steps to ensure proper use of equipment by those concerned.

- **Safety Helmet**: IS: 2925-1984 (Reaffirmed 2000)
- **Safety Goggles**: IS: 5983-1980 (Reaffirmed 2002) or EN 166:2001
- **Full body harness safety belt**: IS: 3521-1999
- **Face shield**: IS: 8521 (Part II) – 1977 (Reaffirmed 2002) IS: 8521 (Part I) -1994 (Reaffirmed 2002) or EN 175F
- **Fall arrestor**: EN 353-2:2002
- **Safety shoes**: IS: 15298 – 2002
- **Hand gloves**: IS: 4770 – 1991 (Reaffirmed 2001)

All the PPE’s / lifting tackles / portable electrical equipments etc. brought by the contractor for use shall be produced to the safety officer for inspection before issue it to their workmen.

9. Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well, suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than ¼ to 1 (1/4 horizontal and 1 vertical).

10. Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 90 cm. (3 feet).

11. Adequate precautions shall be taken to prevent danger from electrical equipment.

12. No materials on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person or the public.

13. **Dismantling**: Before any dismantling work is commenced and also during the process of the work:—
   
   i) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
   
   ii) No electric cable or apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged
   
   iii) All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion. No floor, roof or other part of the building shall be so overloaded with scrap or materials as to render it unsafe.

14. When the work is done near any place where there is risk of drowning, all necessary equipments should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision should be made for prompt first-aid treatment of all injuries likely to be obtained during the course of the work.
15. Use of hoisting machines and tackle including their attachments, anchorage and supports shall conform to the following standards or conditions:
   i) These shall be of good mechanical construction, sound material and adequate strength and free from patent defects and shall be kept in good repair and in good working order.
   ii) Thorough inspection and load testing of lifting machines and tackles shall be done by a third party, at least once in every 12 months and the records of such inspection and testing shall be maintained and a copy shall be submitted by the contractor to the departmental representative at site. Motors, transmission, couplings, belts, chain drives and other moving parts of hoisting appliances shall be provided with adequate safeguards. Hoisting appliances shall be provided with such means as it shall minimize the risk of any part of a suspended load becoming accidentally displaced or lowered.
   iii) The contractor shall maintain a Register of Periodical Tests for Examination of Lifting Appliances at site. This register shall be kept available at site always for examination of the department.
   iv) Chain pulley block, D-shackles and wire ropes (lifting appliances) shall be of rated capacity at least 2.0 times more than the maximum desired load to be lifted.

16. When structural repairs, modification or painting works are to be undertaken, appropriate measures shall be taken for the protection of persons whose work may bring them into the proximity of live equipment/circuit.

17. All portable appliances shall be provided with three core cables and three pin plugs. The third pin of the plug shall invariably be earthed. It shall be ensured that the metal part of the equipment shall be effectively earthed.

18. All connections to portable equipment or machines from the panel/distribution board/extension board shall be taken using 3 core double insulated PVC flexible copper wire in one length. No joints shall be allowed in this flexible wire. In case, single length of wire is not sufficient for a particular location then the supply can be tapped by providing another extension board comprising of switch and socket. Isolation switch shall be made available as close as possible to the equipment.

19. After the completion of the work, the contractor shall have removed from the work premises all scaffoldings, surplus materials, scrap, rubbish and all temporary structures, used/installed for his workmen at site. The contractor shall stack all undesirable materials and debris to the designated area at his own cost, as directed by Engineer-in-charge. The Engineer-in-charge has the right to stop work if the Contractor fails to improve upon the housekeeping after having been notified.

20. The contractor shall instruct workmen to keep all accesses clear from any obstruction and unwanted material for free and safe movement of the workers and staffs including departmental staffs. He shall provide tool box and safe means for carrying tools (for working at height) to all his workers so that tools and tackles are kept in proper place.
21. All the workers, supervisors and engineers of the contractor, who will work at height, shall have valid height passes issued by the Safety Officer / Medical Attendant in consultation with the Authority of the Safety Unit, UCIL. Each such individual shall be medically examined by a Medical Practitioner, for blood pressure, vision, hearing, and efficient movement of limbs, epilepsy, vertigo or any other persistent diseases that make him/her medically unfit for working at height. The fit persons shall be issued height passes, which shall be valid for maximum 6 (Six) months, for working at height. After every 6 (Six) months, these persons shall be medically examined in order to find out their fitness for working at height. List of unfit workers shall be submitted to the departmental representative and such persons may be allowed to work at ground level and in no case shall be engaged by the contractor to work at height. The records of medical checkups / fitness tests certified by the Medical Practitioner shall be maintained at the office of the contractor and shall be produced to the departmental representative as and when asked.
SPECIAL CONDITIONS OF CONTRACT

Sub: Replacement of sluice gate no. 5 at Barrage, UCIL Jaduguda

1) **PRICE**: Your price should be inclusive of basic price, all statutory duties & taxes, freight & unloading charges including service tax.

2) **PAYMENT TERMS**: 02 (Two) R.A. Bill & One Final Bill will be paid. Monthly one R.A. Bill shall be raised. One final bill shall be raised after successful completion of the work & submission of PBG.

3) **COMPLETION TIME**: Within three months from the date of commencement of work. The party shall mobilize at site within two weeks from the date of work order.

4) **EARNEST MONEY DEPOSIT**: Rupees 1, 60,000/- (Rupees One lakh sixty thousand) in the form of bank guarantee. However, SSI/NSIC regd. units are exempted from submission of EMD & tender cost. Parties claiming for exemption shall submit valid SSI/NSIC regn. Certificate along with offer.

5) **SECURITY DEPOSIT**: The successful bidder shall furnish a security deposit to the extent of 5% of the total contract, when the contract is awarded. Such a deposit will be held by the Corporation until successful completion of the contract, and will bear no interest. It will be forfeited in the event of breach of contract. Security deposit may be in the form of a bank guarantee issued by/ counter guaranteed by an Indian nationalized bank in favour of URANIUM CORPORATION OF INDIA LTD.

6) **PERFORMANCE BANK GUARANTEE (PBG)**: PBG @ 10% of the total contract value will be submitted with a validity of one year and further 6 month for claim period.

7) **Penalty (Liquidated Damage)**: 
   If the progress of work is not found satisfactory or the contractor fails to complete the works within the time frame of completion, the corporation reserves the right to impose penalty / liquidated damage @ ½ % per week maximum upto 5% on the awarded / contract value for each complete week between the time for completion and actual date of completion. The amount of penalty / compensation may be adjusted or set of against any sum payable to the contractor under this or any other contract with the corporation. And after ten week from the actual date of completion of whole work if the contractor fails to complete the work, corporation reserves the right to terminate the contract and get the balance work done through any other agency at contractor’s risks and costs.
8) **Pre Qualification Criteria:**
   
   **A)**
   The party shall have fabricated & erected mechanical gate of minimum size of 60 m² used in hydro power project/barrage/irrigation project/water resource project. The party shall submit the documentary evidence in support of their inline experience.

   **B)**
   i.) The party has executed single order of Rs. 64.80 lakh for fabrication & erection of mechanical gate used in hydro power project/barrage/irrigation project/water resource project.
   
   Or
   
   ii.) The party has executed two orders of Rs. 40.50 lakh each for fabrication & erection of mechanical gate used in hydro power project/barrage/irrigation project/water resource project.
   
   Or
   
   iii.) The party has executed three order of Rs. 32.40 lakh each for fabrication & erection of mechanical gate used in hydro power project/barrage/irrigation project/water resource project.

   **C)** The average annual turnover of the party during the last three years ending 31st March 2016 should not be less than Rs. 24.30 Lakh.

   **Note:** To qualify the PQC, the bidder must submit the documentary evidence as mentioned above at S. No. 8) A, B & C.

9) **RISK PURCHASE:** In the event of contract not being executed satisfactorily, UCIL reserve the right to do the work from alternative sources at your risk and cost.

10) **CANCELLATION OF CONTRACT:** It will be your endeavor to execute the contract to our satisfaction. In case of your failure to do so, the contract is liable to be cancelled and impose heavy penalty.

11) **FORCE MAJEURE:** In the case of strikes/lockouts, closure of works (whole or partial) breakdown of machinery, act of God or any other cause beyond the control of the Corporation preventing or hindering the normal operation, the Corporation shall be at liberty to cancel this order at any time before receipt of the goods without being liable to the supplier for damages or other claims.

12) **DISPUTES:** Both parties agree in, disputes arising out of this order may be settled by arbitration, in accordance with the Indian arbitration Act, 1940 by a sole arbitrator who shall be appointed by the Chairman & Managing Director of this Corporation (UCIL).

13) **JURISDICTION:** This agreement/order shall be deemed to have been executed at Jaduguda, District Singhbhum (East), Jharkhand and it is subject to the jurisdiction of the court of Law in Ghatsila only irrespective of anything to the contrary that may be mentioned in the offer of the tenderer
III

SCOPE OF WORK

Sub: Replacement of sluice gate no. 5 at Barrage, UCIL Jaduguda

Detail scope of work shall be as follows:-

i) Reverse engineering and preparation of drawing of sluice gate, wheel bogie, wheel assembly etc. UCIL do not have fabrication drawing of sluice gate, so the party shall do the reverse engineering and prepare the fabrication drawing of sluice gate. The party shall submit three sets of drawing and one soft copy to UCIL.

ii) Dismantling of old damaged gate.

iii) Fabrication of wheel bogies.

iv) Fabrication of wheel assembly.

v) Rubber seal with seal clamp and fasteners.

vi) Fabrication of both horizontal and vertical girder.

vii) Fabrication of horizontal T.

viii) Fabrication of stiffeners.

ix) Fabrication of skin plate of gate leaf.

x) Riveting, welding for joining of skin plate, girder etc.

xi) Shop trial Assembly of all parts of the vertical gate.

xii) Erection, testing and commissioning of new gate.

xiii) Suitable corrosive resistance paint (three coats along with primer) steel grit blasting, surface preparation by sand blasting SA-10, one coat of primer of 50-70 micron-two coats, suitable paints anti corrosive paints total DRT will be 350 micron.

xiv) RCC Grooves consisting of sill plate and side guide should be repaired (both sides). There are some holes in the pier and abutment along the sliding slot which leads to water leakage. These holes or pocket are needed to be fixed by grouting.

(xiv) Any other material or work which is not mentioned in the tender by UCIL but is required for completion of the job shall have to be arranged by the Contractor free of cost.

NOTE: -
The said job has to be completed within limited period of three months. Fabrication of barrage gate should be followed as per guideline Indian standard recommendations for structural design criteria for low head slide gates (second revision) IS: 5620-1985.

UCIL SCOPE OF SUPPLY: UCIL shall supply following material as a free issue to the party:

i) Free electricity (3 ph 220 V), required for dismantling of gate no. 5, its fabrication and installation at barrage.

ii) UCIL shall supply approx 50 MT MS plate/sections of different size as free supply within 15 days upon submission of bill of material.

iii) 5 % cutting loss will be permitted and remaining steel to be returned by the contractor to store.

iv) Issue of steel will be at Jaduguda central store. Transportation of Steel from store to site is under party's scope of work.
CONTRACT LABOURER EMPLOYMENT ACT & RULES

1. The contractor shall employ labourer in sufficient number to maintain required rate of progress and quality to ensure workmanship of the degree specified in the contract and to the satisfaction of the Engineer – In-charge. The contractor shall not employ in connection with the works any person who has not attained the age of fifteen years.

2. Contractors should employ only the persons with established identity.

3. Dy. Commandant, CISF, UCIL will issue temporary identity cards to persons actually engaged in the work and may exercise checks as considered necessary to ensure that strangers are not permitted inside the work premises. Contractors are required to surrender the identity cards on completion of job to Dy. Commandment, CISF, UCIL.

4. CISF control room / Contractor will not allow any inter-state labourer as a contract labour in any case.

5. The contractor shall furnish to the Engineer–In-charge, a distribution return of the number description by trades of work people employed on the works. The contractor shall also submit on the 4th and 19th of every month to the Engineer- In-charge a true statement showing in respect of second half of the preceding month and the first half of current month (i) the accident that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them and (ii) the number of female workers who have been allowed Maternity Benefit as provided in the Maternity Benefit Act 1961 or rules made thereunder and the amount paid to them.

6. The contractor shall pay to labourers employed by him wages not less than fair wages as defined in the Contract Labour (Regulation & Abolition) Act 1970 and rules made thereunder.

7. The contractor shall in respect of labour employed by him comply with or cause to be complied with the Contract Labour (Regulation & Abolition) Act 1970 and Rules made thereunder in regard to all matters provided therein.

8. The contractor shall comply with the provisions of the payment of Wages Act 1936, minimum Wages Act 1948, Employees Liability Act 1938, Workmen’s Compensation Act 1923, Industrial Disputes Act 1947, Maternity Benefit Act 1961, and Mines Act 1952 or any modifications thereof or any other law relating thereto and rules made thereunder from time to time.

9. The contractor shall be liable to pay his contribution and the employee’s contribution to the Employees State Insurance Scheme in respect of all labour employed by him for the execution of the contract, in accordance with the provision “The Employees State Insurance Act, 1948 as amended from time to time and as applicable in this case. In case the contractor fails to submit full details of his account of labour employed and the contribution payable, the Engineer In-charge shall recover from the running bills of the contractor an amount of contribution as assessed by him. The amount so recovered shall be adjusted against the actual contribution payable under Employees State Insurance Scheme.
10. The Engineer In-charge shall on a report having been made by an inspection staff as defined under the Contract Labour (Regulation & Abolition) Act 1970, and rules made thereunder have the power to deduct from the money due to the contractor any sum required or estimated to be required for making the good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the contract for the benefit of workers, non-payment of wages or of deductions made from his or their wages which are not justified by the contract or non-observance of the said Act.

11. The contractor shall indemnify the Corporation against any payment to be made under and for observance of the Contract Labour (Regulation & Abolition) Act 1970, and the rules made thereunder without prejudice to his right to claim indemnity from his sub-contractors.

12. In the event of the contractor committing a default or breach of any of the provisions of aforesaid Act and Rules made thereunder / amended from time to time or furnishing any information or submitting or filling any Forms / Register / Slip under the provisions of the law which is materially incorrect, then on the report of the Inspecting Officer, the contractor shall without prejudice pay to the Corporation a sum not exceeding liabilities for such defaults including liquidated damages etc. For every default, breach or furnishing, making, submitting, filling materially incorrect statement as may be fixed by the Labour Department and the contractor should indemnify the Corporation against all such liabilities.

13. MODEL RULES FOR LABOUR WELFARE:-

(i) The Contractor shall at his own expenses comply with or cause to be complied with Model Rules for Labour Welfare as provided under the rules framed by the appropriate Government from time to time for protection of health and making sanitary arrangements for workers directly or indirectly on the works. In case the contractor fails to make arrangements as aforesaid, the Engineer In-charge shall be entitled to do so and recover the cost thereof from the Contractor.

(ii) Failure to comply with Model Rules for Labour Welfare, Safety Code or the provisions relating to report on accidents and to grant Maternity Benefit to Female workers shall make the contractor liable to the Corporation as liquidated damages an amount not exceeding Rs. 50.00 for each default or materially incorrect statement. The decision of the Engineer In-charge in such matters based on reports from the Inspecting Officers shall be final and binding and deducting officers shall be final and binding and deductions for recovery of such liquidated damages may be from any amount payable to the contractor.
SAFETY OF CONTACTORS’ EMPLOYEES

1. The contractor shall at all times, take all reasonable precaution for the safety of employee, including those of sub-contractors in the performance of his contract and shall comply with all applicable provisions of both Central as well as the State Safety Laws. In addition to the safety provisions, the contracting officer shall include the safety requirements as recommended by the Health Physics Unit, Jaduguda for a specified contract.

   In the event that contractor fails to comply with these provisions, the contracting officer may, without prejudice to any other legal or contractual rights, issue an order for stopping all or any part of the work, thereafter a start order for resumption of work may be issued at the sole discretion of the Contracting Officer. The contractor shall make no reason of or in connection with such stoppage.

2. Contractor shall have a full time Safety Officer / Engineer when the contractor employs 500 or more persons or when engaged specifically in hazardous work. In the case of contractors employing fewer than 500 persons, his safety representative shall be an employee in a high supervisory capacity and his safety duties may be in addition to his other technical / administrative duties.

3. Contractor shall have at least one person fully trained in First Aid to be present at the site of work all time.

4. Contractor must report to the Safety Officer (Mill) – through their contracting officer every accident involving:

   - Their personnel
   - UCIL property or personnel.
   - Property or personnel of other contractors working at the site.
4.1 Contractor must report to the Safety Officer (Mill) immediately on becoming aware of any accident of Type - A (see Appendix – 1) giving the following information :-

- Name of the informant

- Nature and location of incident being reported

- Name of Supervisor / Engineer – In-charge, location and telephone no. where he can be reached.

4.1.1 Contractor shall submit their investigation reports, through their contracting officer, to the Safety officer (Mill) immediately but not later than 3 (three) working days after the occurrence of accident in the Form – A (see Appendix - 2)

4.1.2 In the case of Type – B accidents (see Appendix – 1), Contractors shall submit their investigating reports, through their contracting officer, to the Safety officer (Mill) immediately but not later than 3 (three) working days after the occurrence of accident in the Form – A.

4.2 Monthly summary of accidents and cases of fire shall be prepared by each contractor in Form – B (see Appendix – 3) and be sent to the Safety officer (Mill) by the 7th of the next month.

4.2.1 Prime contractor reports shall include the man days lost and occurrence of accident under the jurisdiction of the Sub -Contractors.

4.2.2 Contractors shall submit a narrative on safety activities and fire incidents for each month along with Form – B. The review should contain such items as personnel and programme chance, major project started and major problem.
CLASSIFICATION OF ACCIDENTS

TYPE – A

1. Fatal injury.

2. Serious injuries such as fracture, dislocation, severe burns etc. necessitating hospitalisation.

3. Any injury to five or more persons.

4. Accidents resulting in damage by fire, explosion etc.

TYPE – B

1. Minor injuries which results in laceration, abrasion, contusion etc.

2. Disabling injuries but not requiring hospitalisation.
(FORM – A)

ACCIDENT INVESTIGATION REPORTS

Name of contractor and project : 
Nature of contract : 
Name of Engineer In-charge : 
Name of injured person : 
Age : 
Address : 

Date and Time of accident : 
Place where accident occurred : 
Nature of job : 

What was injured person doing at the time of accident : 

Description of accident (in detail) : 

Nature of injuries : 

What was defective or in wrong condition that was responsible for the accident : 

What was wrong with working methods / instructions : 

What steps should be taken to prevent reoccurrence of such accidents : 

Name of witness : 1. 
2. 

Safety representative’s remarks with signature and date
SUMMARY OF ACCIDENT FOR THE MONTH OF ............... 

Name of the contractor : 

Name of project : 

Name of the sub – contractor : 

Name of safety representative of the project : 

Total nos. of persons working in the project Male Female : 

Engineers : 

Supervisors : 

Labours : 

Total nos. of accidents (Including Type A & B) : 

Disabling injuries : 

Non – disabling injuries : 

(Signature & stamp of Contractor) 

cc: Engineer – In-charge 
cc: Safety officer, Jaduguda Mill
VI

SPECIAL CONDITIONS FOR SAFETY

Important Instructions to Contractors

1. After getting work order, contractor will have to submit their Site In-charge contact number to the following officials of UCIL for better co-ordination.
   a) Respective Section-In-charge,
   b) Safety officer (Mill),
   c) Respective Site In-charge and
   d) Mill In-charge.

2. The contractors will have also to collect contact numbers of all above mentioned personnel for proper co-ordination during execution of any job.

3. Before starting up any work against work order issued by UCIL to the contractor, contractor will have to submit medical fitness certificate of their workmen to the Safety Officer (Mill) along with X-ray report with film, Blood test report with blood group & audiometry test report countersigned by authorized medical officer of UCIL Hospital. (If contract period shall be more than 3 months).

4. After receiving medical fitness certificate, Safety officer shall sign the request letter for preparation of gate pass of their workers.

5. The Party is required to submit the Affidavit as per the format before starting the job.

6. All workers of contractor shall report to the Mill Training Centre for their safety induction training.

7. Only after safety induction training, they shall be engaged for any job.

8. The contractor shall inform in writing to UCIL’s Site-In-charge & a copy to Safety Officer (Mill) in one day advance about the work taken up next day & safety precautions taken up during execution of work and PPE’s to be provided to their workmen.

9. Before starting any job, a safety pep-talk shall be given by their experienced supervisor/site in-charge.

10. Before starting critical jobs, contractor shall have to fill Job Hazard Analysis form as per the format attached as Annexure 'X'. They shall have to prepare Specific Safety Job Procedure before starting any critical jobs such as dismantling & erection jobs at height etc. Also a checklist (as Annexure 'Y') for the same shall be prepared and implemented. Height Pass System shall be followed as per attached format. (Annex-VIII).

11. For critical jobs they shall be given Safety Work Permit.
12. After issue of safety work permit, safety personnel shall check all the safety related aspect as per the checklist prepared by the contractor and then only allow them to carry out the work.

13. During execution of critical job, site in-charge / safety personnel of the contractor and site in-charge of UCIL shall be present.

14. For bigger contract, contractor will have to engage Qualified Safety Personnel (having qualification diploma in industrial safety) for assessment of safety related issues.

15. After completion of job safety permit shall be handed over to the respective section-in-charge.

16. Gate pass to the Contractor labour shall be issued only after production of PPE’s by them. Safety shoe & helmet are mandatory for issuing gate pass. No contract workmen shall be allowed without PPE.

17. Washing of clothing of contract worker is mandatory. Their clothing shall be washed in our washing facility at Mill Division, Jaduguda on chargeable basis @ Rs. 0.5 per cloth washing charges shall be deducted from Contractor’s bill.
Annexure ‘X’

**JOB HAZARD ANALYSIS, UCIL, MILL DIVISION, JADUGUDA**

Date: ……………………………………...          SWP No. & Date ………………………………

<table>
<thead>
<tr>
<th>S.No</th>
<th>Sub-activity in sequential order</th>
<th>Hazards &amp; Associated Risks</th>
<th>Control Measures/ Safety Precautions</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

Prepared by: Permitee

Reviewed & Approved by: Section Head
### Annexure ‘Y’

**Check List for erection and dismantling job at height**

*(Put a ✓ mark)*

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Particular</th>
<th>Yes :</th>
<th>No :</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Job Hazard Analysis Done</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>2.</td>
<td>Safety training given to workmen</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>3.</td>
<td>All engineering aspect such as load assessment, support requirement, safety etc, done.</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>4.</td>
<td>Safe Operating Procedure made</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>5.</td>
<td>PPE has been provided to all workmen</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>6.</td>
<td>Safety work permit issued</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>7.</td>
<td>Height pass is available with the workmen who will work at height.</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>8.</td>
<td>Safety net is used if work is carried out above 15 m.</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>9.</td>
<td>Medically fitness certificate has submitted by all workmen.</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>10.</td>
<td>Engagement of qualified safety personnel</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>11.</td>
<td>Engagement of site supervisor</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>12.</td>
<td>Double sling is available in case of use of hydra crane.</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
<tr>
<td>13.</td>
<td>Hand over of permit after job is over.</td>
<td>Yes :</td>
<td>No  :</td>
</tr>
</tbody>
</table>

*(Signature of Site In-charge / Supervisor)*
MEDICAL EXAMINATION OF CONTRACT WORKER

FORM 1

CANDIDATE’S STATEMENT AND DECLARATION

The candidate must make the required statement below prior to his medical and must sign the declaration appended thereto. His attention is specially directed to the warning contained in it:

1. State your name in full (in block letters) : __________________________

2. State your age, date of birth and place of birth : __________________________

3. (a) Have you ever had chickenpox, smallpox, intermittent or any other fever, enlargement or suppuration of glands, spitting of blood, asthma, heart disease, lung disease, fainting attacks, rheumatism, and appendicitis? : __________________________

   OR

   (b) Any other disease or accident requiring confinement to bed and medical or surgical treatment? : __________________________

4. Details of Vaccination/ Immunization : __________________________

5. Have you or any of your near relations been afflicted with tuberculosis, asthma, fits, epilepsy, insanity or birth defects? : __________________________

6. Have you suffered from any form of nervousness due to overwork or any other cause? : __________________________

7. Have you been examined and declared unfit for Government Service by a Medical Officer/Medical Board, within the last three years? : __________________________
8. Furnish the following particulars concerning your family:

<table>
<thead>
<tr>
<th>Father's age if living and state of health</th>
<th>Father's age at death and cause of death</th>
<th>No. of brothers living, their ages and state of health</th>
<th>No. of brothers dead, their ages at death and cause of death</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mother's age if living and state of health</td>
<td>Mother's age at death and cause of death</td>
<td>No. of sisters living, their ages and state of health</td>
<td>No. of sisters dead, their ages at death and cause of death</td>
</tr>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

9. Past Occupation:
Give details of Name of the Company and Job Hazards if any.

____________________________________________________________________________________
____________________________________________________________________________________

10. Personal History:
Diet: ______________________________
Smoking: ___________________________
Other Habits: _______________________

11. Marital Status:
Married / Unmarried: _________ No. of Children: _______

I declare all the above answers to be, to the best of my belief, true and correct.
I also solemnly affirm that I have not received disability certificate/pension on account of any disease or other condition.

Candidate’s signature: _______________ Signed in my presence: _______________

Signature of Medical Officer: __________________

Note: The candidate shall be held responsible for the accuracy of the above statement. By willfully suppressing any information, he will incur the risk of losing the appointment or forfeiting all claims to superannuation allowance / gratuity, if appointed.
FORM 2

EXAMINING PHYSICIAN’S REPORT

1. Personal Details:

Name : _________________________  Sex: Male/ Female

Date of Birth: _________________________  Marital Status: Married/ Unmarried

Designation: _________________________ Division & Section: ______________

Nature of job: ______________________________________________________

____________________________________________________

General

Appearance: ________________________________________________

Present posting:

Type of job  _______________ (occupational hazard, if any)____________

Marks of Identification:

I. _____________________________________________

II. _____________________________________________

Signature of  Signature of

Medical Officer: ____________________  Candidate: ________________

2. History:

a) Personal: ________________________________________________

b) Family: ________________________________________________

c) Past History: Major Illness/Operations/Injuries with date

____________________________________________________

____________________________________________________

____________________________________________________

d) Occupational: Previous_______________ Duration with year________

Type of work done__________________________________________

(Details of past exposure to any significant occupational hazards)

e) Female Candidate:

Menstrual History: i) Age at menarche: _________ ii) LMP: __________

iii) History of miscarriages/abortions/ still births/ congenital malformation

etc. ______________________________________________________

____________________________________________________
3. **General Examination:**

a) Temperature: __________ °C  
b) Pulse: _______/min

c) Height: __________ cm.  
d) Weight: _________ kg.

e) Blood Pressure: ______________

f) Acuity of Vision:

<table>
<thead>
<tr>
<th></th>
<th>Without glasses</th>
<th>With glasses</th>
<th>Strength of glasses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sph</td>
</tr>
<tr>
<td>Distant Vision</td>
<td>RE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Near Vision</td>
<td>RE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Detailed visual acuity test to be performed specifically for personnel to be posted as Drivers, Crane operators, Fork-lift operators, Locomotive operators, Firemen, Security personnel)

· Night Blindness: ______________________________________

· Colour Vision: _______________________________________

· Depth of Vision:_____________________________________

· Fundus Examination:______________________________

g) Skin condition: Normal/Abnormal Comment if any____________

h) Teeth: Normal/Abnormal Comment if any ________________

i) Lymph nodes: Normal/Abnormal Comment if any____________

j) ENT: Normal/Abnormal Comment if any_______________

k) Special Investigation

i) Varicose Veins: ______________________________________

ii) Deformities: _______________________________________

iii) Hernia: __________________________________________

iv) Hydrocele: _________________________________________

v) Haemorrhoids: _________________________________

vi) Lymph nodes: _________________________________
vii) Oedema: _______________________________________

viii) Fistula: _______________________________________

ix) Thyroid: _______________________________________

I) Others: _______________________________________

4. **Systemic Examination:**

   a) Respiratory system: _______________________________________

   b) Cardiovascular system: _______________________________________

   c) Gastro-intestinal system: _______________________________________

   d) Locomotor system: _______________________________________

   e) Central Nervous system: _______________________________________

   f) Genito-Urinary system: _______________________________________

   g) Others: _______________________________________

5. **Laboratory Investigation:** (Routine)

   a) WBC: TLC: _____/cmm

      DLC: _____

   b) Urine:

      Sp. Gravity: _________; Sugar: _________;

      Reaction: _________; Albumin: _________;

      Microscopic Examination: _________________

   c) Chest X-ray Report: _______________________________________

   d) Bio-Chemistry:

6. **Job Specific Test** (if any) (Audiometry, Spirometry, etc.)

   _______________________________________

   _______________________________________

   _______________________________________

7. **Remarks:**

   _______________________________________

   _______________________________________

   _______________________________________

   _______________________________________

Signature of Medical Officer: _______________
FORM 3

MEDICAL CERTIFICATE OF FITNESS FOR EMPLOYMENT

I hereby certify that I have examined Shri/ Smt./ Kum._______________________ , a candidate for employment in the ___________________________ Department and found him/ her medically

i) Fit

ii) Unfit on account of ________________________________

iii) Temporarily Unfit on account of ________________________________

his / her marks of identification

1. ________________________________

2. ________________________________

and Blood Group is ________________

Medical Officer’s signature: ____________________

Name : ____________________

Designation: ____________________
APPLICATION FOR ISSUE OF HEIGHT PASS (Contractor's employees)

Part-1

(Valid only for 6 months from issue unless cancelled /withdrawn earlier by the issuing authority . It can be revalidated free of cost on due application to In-charge Safety Section-UCIL. In case of loss, applicant must apply and appear for the practical test again)

1. Full name of applicant (Block letters) :
2. Present address :

3. Permanent address :

4. Age :
5. Sex :
6. Height :
7. Gate pass No :
8. Date of issue Gate Pass :
9. Name of Contractor with whom engaged at present :
10. Contract work order No :
11. Description of present job :
12. Previous experience of working at height :

<table>
<thead>
<tr>
<th>Name of the employer</th>
<th>Duration of Employment</th>
<th>Work experience</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
</tr>
</tbody>
</table>

33
13. Do you suffer from any of these ailments: (Write YES/NO against each)

a) Blood pressure : 

b) Flat foot : 

c) Epilepsy : 

d) Mental Depression : 

e) Frequent Headache or reeling sensation: 

f) Limping Gait : 

Declaration:

I hereby declare that the above information furnished by me is true & correct. I shall always wear the safety belt & tie the life line when ever working at height above 10. ft or in depth. I shall not misuse the height pass issued to me or transfer it to any other person. I shall never come to duty or work at height/depth under influence of alcohol.

Date: Name of the applicant: 

Signature : 

Signature of Engineer In charge Signature of Safety officer 
(Concerned contractor) (Concerned contractor)

To  
Engineer in charge UCIL
MEDICAL EXAMINATION FOR ISSUE OF HEIGHT PASS

Part-2

a) Blood pressure : 

b) Flat foot : 

c) Epilepsy : 

d) Mental Depression : 

e) Frequent Headache or reeling sensation: 

f) Limping Gait : 

I, Dr.................................................., have examined Shri........................................ and found that he is **suffering / not suffering** from any height related illness.

I certify him **fit / not fit** to work at height.

Date of medical test: --------------

Signature of Doctor Registration No & Seal: --------------------------
PHYSICAL TEST FOR ISSUE OF HEIGHT PASS

Part-3

Date of physical test:

(The above applicants has appeared at the following practical tests conducted by In-charge Safety of UCIL and the results are given below)

a) Walking freely over a horizontal bar at 01 ft .height          PASS / FAIL
b) Wearing a safety belt & tying the nut                      PASS / FAIL
c) Walking freely over a horizontal structure at 10ft .height  PASS / FAIL
d) General physique                                            PASS / FAIL

The above applicants performance in the above test has been satisfactory /Un satisfactory .He has been issued a height pass bearing Sl.No. _______________
(if found unsatisfactory mention reason )

Date of issue:                                                  Seal:

Signature of Engineer in-charge (UCIL)                          Signature of Issuing authority
Name:                                                          Name:
Designation:                                                   Designation:
URANIUM CORPORATION OF INDIA LIMITED
MILL DIVISON, JADUGUDA

HEIGHT PASS (for contractor’s employees)

H.P. No._________________________ Date_________________________

Name Sri _______________________________________________________________

Gate Pass No._________________Agency_____________________________________

Age_____________________________ Blood Group_____________________________

Training imparted on_______________________________________________________

____________________________________________

UNDER TAKING

I ________________________________ understand safety precaution to work at height through safety training with the demonstration of use of helmet, full body harness, fall arrestor, safety net, working platform and life line.

Signature:................................

____________________________________________

Date of issue: ___________________________ valid upto_________________________

Revalidation up to __________________________________________________________

Authorized to work at height.

Recommended by
Contractor Safety officer

Issued by
UCIL Safety Officer
# IX

## SCHEDULE OF ITEMS AND RATES
(to be submitted in triplicates)
(Price Part)

**Sub: Replacement of sluice gate no. 5 at Barrage, UCIL Jaduguda**

N.I.T. :- UCIL/Mill/211/170/2017 Dt. 09/03/2017

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Description</th>
<th>Unit</th>
<th>Rate (Rupees) inclusive of all taxes and duties</th>
<th>Amount (Rupees) inclusive of all taxes and duties</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Reverse engineering and preparation of drawing of single gate of size 60' x 26'</td>
<td>01 lot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Fabrication &amp; fixing of wheel bogies</td>
<td>04 Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Fabrication &amp; fixing of wheel assembly</td>
<td>08 Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Supply of Rubber seal with seal clamp and fasteners of gate no. 5 &amp; fixing.</td>
<td>1 set</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Fabrication of horizontal girder from top to bottom</td>
<td>02 Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Quantity</td>
<td></td>
<td></td>
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<td>-----------------------------------------------------------------------------</td>
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<tr>
<td>6</td>
<td>Fabrication of vertical girder from top to bottom</td>
<td>06 Nos.</td>
<td></td>
<td></td>
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<tr>
<td>7</td>
<td>Fabrication of horizontal T</td>
<td>13 Nos.</td>
<td></td>
<td></td>
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<tr>
<td>8</td>
<td>Fabrication of stiffeners for gate no. 5</td>
<td>01 Set</td>
<td></td>
<td></td>
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<tr>
<td>9</td>
<td>Fabrication of skin plate of gate leaf</td>
<td>01 No.</td>
<td></td>
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<tr>
<td>10</td>
<td>Riveting, welding for joining of skin plate, girder etc.</td>
<td>01 set</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Shop trial Assembly of all parts of the vertical gate</td>
<td>01 set</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Dismantling of old damaged gate</td>
<td>01 set</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Suitable corrosive resistance paint (three coats along with primer) steel grit blasting, surface preparation by sort blasting, one coat of primer of 50-70 micron, two coats, suitable paints anti corrosive paints total DRT will be 350 micron.</td>
<td>01 set</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Quantity</td>
<td></td>
<td></td>
</tr>
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<td>---</td>
<td>-----------------------------------------------------------------------------</td>
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<tr>
<td>14</td>
<td>RCC Grooves consisting of sill plate and side guide should be repaired (both sides) some holes found in the pier and abutment along the sliding slot which leads to water leakage. These holes or pocket are needed to be fixed by grouting.</td>
<td>01 set</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Erection, commissioning and trial testing of new gate.</td>
<td></td>
<td></td>
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<tr>
<td>16</td>
<td>Any other item for the completion of the job (if any)</td>
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<tr>
<td></td>
<td><strong>GRAND TOTAL</strong></td>
<td></td>
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</tr>
</tbody>
</table>

(Grand Total In Word .........................................................................................................................)

Note:
1) The above rates are inclusive of all taxes & duties.
2) UCIL shall supply 50 MT MS plate/Sections of different sizes as free issue.

(Signature of Contractor)
with seal and full address
(Form to be filled in Non-Judicial paper of Rs. 20/- & submitted by the Contractor workers) attested by Notary Public.

**Affidavit cum Declaration**

I, .................................................. S/o ................................................. of village................................. P.O.................................................. P.S................................................. Town ................................................. District................................. Jharkhand, by faith.............................. by occupation................................................................. do hereby solemnly affirm and declare as follows:-

(1) That I am working with M/s.................................................. who has been awarded work order no.......................................................... dated......................... from UCIL Jaduguda.

(2) That I am fully aware that I am Contractor worker of the aforesaid Contractor and, as such, I or my successor shall not have any claim of employment with UCIL at any time, in case of fatal accident or termination/completion of period of work order. I shall not place a demand for employment with UCIL in future also.

Verification

Identified by Sri......................... of my knowledge, belief and
The Statement made above are true to the Advocate at Jamshedpur best information and I Sign on ....................... at .........................

Deponent

The deponent is known to me & has signed in my presence.

Advocate