



URANIUM CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

(CIN : U 12000 JH 1967 GOI 000806)

NIT : TMPL/ MECH - 013

Tummalapalle Project

Mechanical maintenance jobs like replacement of Conveyor belt, Belt Fasteners work, Replacement of Pulleys and Maintenance of DE System

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URANIUM CORPORATION OF INDIA LIMITED
 (A Govt. of India Enterprise)
TUMMALAPALLE PROJECT

PO:Mabbuchintalapalle, Mandal: Vemula,
Dist: YSR DISTRICT – 516349 A.P.

Hyd. Office: Plot No.37, Road No.3, Sunrise Homes,
 Upparpally, P.O.Hyderguda,
 Ranga Reddy District, HYDERABAD - 500 048.

Head Office: P.O.Jaduguda Mines, Dist. Singhbhum (East)
 JHARKHAND – 832 102.

NOTICE INVITING TENDER NO. NIT : TMPL/ MILL/MECH - 027

ITEMRATE TENDER

FOR

Mechanical Maintenance jobs like replacement of Conveyor belts, Belt fasteners work, Replacement of Pulleys and Maintenance of DE System

1. Tenders to be deposited in the/at the office of Manager [Admin], Uranium Corporation of India Ltd., Tummalapalle Project, A.P.-516349 on or before **17/11/2014 up to 3.00 PM.**
2. Tenders shall be opened in presence of Tenderers who may like to present at **3.30 PM on 17/11/2014** at office of Manager [Admin] Uranium Corporation of India Ltd., Tummalapalle Project, A.P.-516349.

Issued to : _____
 (Name of the Contractor / Tenderer)

Signature of Officer Issuing the Tender Documents : _____

Designation : _____

Date : _____

Cash Memo / Receipt No. : _____



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Date: 17/10/2014

Tender NO.: TMPL/MILL/MECH -027

Sealed Tenders in 2 (TWO) sets (one original and one copy) are invited by the Chairman & Managing Director, Uranium Corporation Of India Limited (UCIL), Tummalapalle, Andhra Pradesh for the execution of following works:

Name of Works & Plant	: Mechanical Maintenance jobs like Replacement of Conveyor belts, Belt fasteners work, Replacement of Pulleys and DE system Maintenance work
Nature of Tender	: Two Part Tender
Cost of Tender Document:	Rs 1000/- (Rupees Thousand Only)
Earnest Money Deposit	: Rs. 50000/- (Rupees Fifty Thousand Only) in form of Demand draft Favoring "Uranium Corporation of India Limited" payable at SBI Pulivendula.
Last date of receiving of Completed Tender	: 17 -11-2014 up to 3:00 PM
Tender Opening Date	: 17 -11-2014 at 3.30 PM

Prequalification criteria:

- (A) The bidder shall have average annual turnover of Rs 30 lakh per year during last three financial years.
- (B) The bidder should have experience of having successfully completed at least any two categories of following jobs:
- Dismantling, fabrication and erection of worn out structural steel
 - Dismantling, fabrication and erection of Conveyor belts, pulleys, DE system
 - Erection/commissioning /overhauling of various process plant equipments e.g. pumps, Gear boxes, conveyor belt, belt filters agitators, Cone/Jaw Crushers, Vibratory Screens etc. in any industry during last 5 years ending on 31.03.2014 **without supply of material & consumables** as at (a) or (b) or (c) below:
 - Three similar completed works each costing not less than Rs 8 Lakhs.
 - Two similar completed works each costing not less than Rs 11.8 Lakhs.
 - One similar completed work costing not less than Rs 15.8 Lakhs.

In case of an order



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- (i) with supply of material & consumables, the work order value to be considered for evaluation shall be 30 % of total order value and
- (ii) for work order with supply of consumables only the work order value to be considered for evaluation shall be 80 % of total order value.

Full details, terms & conditions & other specification of work will be available in the tender document, which can be obtained from the office of the Manager (Admin) Tummalapalle on payment of cost of tender document (non-refundable) in cash on all working days except Sunday & Holiday between 9.30 AM to 11.30 AM & 2.30 PM to 4.30 PM from 17.10.2014 to 17.11.2014 on written request letter along with sale tax, income tax clearance certificate and proof of financial resources / turnover and required credentials mentioned above for pre-qualification criteria. For details please visit our website **www.ucil.gov.in**

For Chairman and Managing Director
URANIUM CORPORATION OF INDIA LIMITED



Mechanical maintenance jobs like replacement of Conveyor belt, Belt Fasteners work, Replacement of Pulleys and Maintenance of DE System

JOB DESCRIPTION

UCIL is interested to invite tenders for Mechanical maintenance jobs like replacement of Conveyor belt, Belt fasteners work, and Replacement of Pulleys and DE system maintenance work of Tummalapalle Mill. The party should have pool of experienced engineers, supervisors and technicians. Persons deputed at site should be capable to take-up the job assigned to them without need of any sort of training.

Scope of Work:

A. Scope of work for Belt Fasteners:

- UCIL will provide Fasteners, tools, punches, wooden sleepers etc.
- Contractor has to arrange the manpower in such a way for completion of about 250Mts per day (7 nos per meter along the belt).
- Drill /punch to make a hole, insert fasteners(1.5”,2”,2.5” based on belt size & width)
- Fixing and full tightening of fasteners and breaking of exceed length.
- Contractor has to ensure and to carry out lifting of counterweight, in case if required.
- Any repairing like patch works with help of cold solution during fasteners placement is also in the scope of contractor.
- Housekeeping and trail run after finish of the job.

B. Scope of work for Pulley replacement.

- UCIL will provide pulleys, bearings, Plummer blocks, couplings, welding machine etc.
- Contractor has to ensure lifting the counter weight to required height with chain blocks, double clamping of the belt to prevent roll back during pulley replacement job.
- Contractor has to decouple the pulley from the coupling, opening of the upper half of the Plummer block, demounting of the pulley from the position and lowered down of the pulley.
- Contractor has to remove the Coupling half, bearings from the old pulley and fix them on the new pulley.
- Lift the new pulley to a position from where old pulley was removed, placing the upper half of the Plummer blocks after putting grease, alignment of the coupling with help of dial gauge with proper record (protocol) and fixing of the couplings.
- Placing of the counter weigh to its original position after removal of clamps.
- Housekeeping and trail run after the finishing.
- Contractor has to ensure for transportation of pulleys from stores/ storage area to work place.

C. Scope of the work for Conveyor belt.

- UCIL will provide the conveyor belt, Hydra for transportation, chain blocks, welding machine and consumables.



Mechanical maintenance jobs like replacement of Conveyor belt, Belt Fasteners work, Replacement of Pulleys and Maintenance of DE System

- Contractor has to ensure for transportation of the Conveyor belt from stores or storage area to the place where the belt unreeling is required.
- Contractor has to make rigid stand and place the conveyor belt on it.
- Contractor has to ensure lifting the counter weight to required height with chain blocks, double clamping of the belt on both ends to prevent roll back during belt replacement job.
- Cut the old belt, clamp the old with new belt, pull the old belt till old belt was completely replaced with new belt or any other alternate safe method based on the site conditions at the time of replacement.
- Cut new belt to a required length after proper clamping and cold joining in case of belt length is less than 250m, if it is more than 250mts belt fasteners are to be done across the width and cold joints are to be done after certain hours of operation by UCIL deployed agency or UCIL.
- Release the chain blocks to be lowered down the counter weight.
- Old belt to be taken to storage area, housekeeping and trial run.

D. Scope of the work for DE system Maintenance.

- Dismantling of screw shaft along with motor and gear box.
- Dismantling of rotary valve with discharge chute
- Repairing of screw shaft with supporting sleeves and bearings
- Repairing of rotary valve
- Erection of screw shaft, rotary valve along with discharge chute

Job Description

1. The contractor will have to make arrangement for safe handling of Belts and Pulleys during dismantling, removal, transfer, re-fixing on the same pipeline.
2. The Belts, fasteners and Pulleys shall have to be first removed from the installed location, shifted to place as per direction of Engineer-in-charge.
3. The contractor will have to maintain record of spares consumed and inventory available with him. All defective parts shall be stored separately.
4. The contractor will carry out the work as per Original Equipment Manufacturer's (OEM) instruction/ recommendation.

Breakdown Maintenance:

On receipt of maintenance call, Contractor will immediately attend the fault along with UCIL representative to assess the type of maintenance needed (i.e.- on-site or replacement with similar equipment) to bring back item in to normal operation and act accordingly. Contractor staff should be available from 6.00am to 10.00 pm on all working days (including Sunday and holidays) of UCIL to attend breakdown maintenance. During night times (i.e. between 10.00 pm to 6.00am), required manpower should be deployed at site within 2.00 hrs of receipt of verbal/ written/telephonic complain). For timely communication of complaints, contractor has to provide one mobile phone to their site supervisor.



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NOTE: One set of catalogue/ part list/ maintenance manual of all types of Pulleys and Conveyor Belts, covered under this Tender, shall be provided to the contractor. All maintenance jobs are to be done as per OEM recommendation.

SUPERVISION AND WORKFORCE:

Contractor has to provide supervision and workforce to replace the Belt Pulleys and Belts and Fasteners work of Tummalapalle Ore Processing Plant on Round the Clock basis.

One competent "Supervisor" to co-ordinate with different sections of UCIL shall be deputed at site exclusively for present tender.

Supervisor will have total responsibility of:

- Mobilize the resources in 2hrs of time at work spot to carryout breakdown jobs as per the instructions of Engineer-In-Charge.
- Planning and execution of Jobs.
- Completion & trial run at his presence along with UCIL supervisor/Engineer.
- To ensure housekeeping after the completion of the work

The contractor should deploy only such persons who are careful, skilled and experienced in their respective trade and whose qualification and experience meet the tender requirement. Some relaxation for technician in qualification and experience may be considered on case-to-case basis for highly deserving candidates suitable for the job depending on the interview performance and trade test. **A team of UCIL will take trade test of work force and workforce will be approved after satisfactory performance.**

The minimum desirable qualification and experience are given below:

Maintenance Supervisor: Should be Diploma in Mechanical engineering with 2 years experience or Class 12th pass with Six years experience in maintenance/ erection of mechanical equipments in a chemical/ Hydro-metallurgical plant/ workshop.

Technician: Should be ITI in Fitter/welder discipline with 2 years experience.

OR

Class 10th pass with at least 6 years experience.

OR

Literate with at least 8 years experience

Helper: Class 8th pass with 2 years experience.

Resource Deployment:



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Contractor has to manage the resources for quick completion of the work as per Engineer-In-Charge to work round the clock all 7 days, if required.



Mechanical maintenance jobs like replacement of Conveyor belt, Belt Fasteners work, Replacement of Pulleys and Maintenance of DE System

Maintenance Schedule

Contractor has to maintain following Maintenance Schedule' for all the mechanical maintenance of Replacement of Conveyor Belt, Pulleys, Belt fasteners work and DE system Maintenance work subject to availability. If Pulleys, Belts and Fasteners cannot be spared on due date due to plant running condition, it should be serviced in next planned shut down. All consumables will be provided free of cost to the tenderer.

A. Belt fasteners work

S. No	Conveyor width in mm	Estimated length for fastening work to be done in the year on the said conveyor in meters
1	1200	2000
2	1000	1000
3	600	150
4	500	150

B. Belt Pulleys Replacement

S. No	Conveyor no	Width of belt	Type of pulley	Qty
1	BC-1	1000 mm	Drive pulley (DP-1)	1
			Non Drive pulley (NDP-3)	2
			Non Drive pulley (NDP-8)	2
			Non Drive pulley (NDP-9)	1
			Deflector Pulley	1
2	BC-2	1000 mm	Drive pulley (DP-2)	1
			Non Drive pulley (NDP-3)	2
			Non Drive pulley (NDP-8)	2
			Non Drive pulley (NDP-9)	1
			Deflector Pulley	1
3	BC-3	1200 mm	Drive pulley (DP-4)	1
			Non Drive pulley (NDP-1)	2
			Non Drive pulley (NDP-4)	2
			Non Drive pulley (NDP-5)	1
			Deflector Pulley	1
4	BC-4	1200 mm	Drive pulley (DP-6)	1
			Non Drive pulley (NDP-1)	2
			Non Drive pulley (NDP-4)	2
			Non Drive pulley (NDP-5)	1
			Deflector Pulley	1



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5	BC-5	1200 mm	Drive pulley (DP-6)	1
			Non Drive pulley (NDP-1)	2
			Non Drive pulley (NDP-4)	2
			Non Drive pulley (NDP-5)	1
			Deflector Pulley	1
6	BC-6	1000 mm	Drive pulley (DP-2)	1
			Non Drive pulley (NDP-3)	1
			Non Drive pulley (NDP-9)	1
			Deflector Pulley	1
7	BC-7	1000 mm	Drive pulley (DP-5)	1
			Non Drive pulley (NDP-2)	2
			Non Drive pulley (NDP-3)	2
			Non Drive pulley (NDP-6)	1
			Deflector Pulley	1
8	BC-9	1000 mm	Drive pulley (DP-2)	1
			Non Drive pulley (NDP-3)	2
			Non Drive pulley (NDP-8)	2
			Non Drive pulley (NDP-9)	1
			Deflector Pulley	1
9	BC-10	1000 mm	Drive pulley (DP-5)	1
			Non Drive pulley (NDP-2)	2
			Non Drive pulley (NDP-3)	2
			Non Drive pulley (NDP-6)	1
			Non Drive pulley (NDP-11)	2
			Deflector Pulley	1
10	1SC-1	1000 mm	Drive pulley (DP-2)	1
			Non Drive pulley (NDP-3)	1
			Non Drive pulley (NDP-9)	1
			Deflector Pulley	1
11	1BC-14A/B	1000 mm	Drive pulley (DP-2)	2
			Non Drive pulley (NDP-3)	2
			Non Drive pulley (NDP-9)	2
			Deflector Pulley	2
12	2BC-2A/B	1000 mm	Drive pulley (DP-2)	2
			Non Drive pulley (NDP-3)	2
			Non Drive pulley (NDP-9)	2
			Deflector Pulley	2
13	Magnetic separator		Drive pulley (DP-1)	1
			Non Drive Pulley (NDP-1)	1



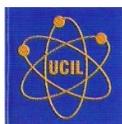
Mechanical maintenance jobs like replacement of Conveyor belt, Belt Fasteners work, Replacement of Pulleys and Maintenance of DE System

C. Belt Conveyors Replacement

S. No	Conveyor No	Width of conveyor	Length of conveyor
1	1-BC3	1200	235
2	1-BC4	1200	1015
3	1-BC5	1200	380
4	1-BC6	1000	50
5	1-BC7	1000	315
6	1-BC9	1000	168
7	1-BC10	1000	420
8	1-BC1	1000	230
9	1-BC2	1000	140
10	1-SC1	1000	27
11	1-BC14A/B	1000	15
12	Sodium carbonate & Bi – Carbonate and rest of lime handling conveyors	500	500
13	2BC-2A/B	1000	35
14	Magnetic separator belt	600	5

D. DE system maintenance work

S. No	Location of DE system
1	ROM
2	FCB
3	SH
4	Mill House



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Mill

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PRICE FORMAT BELT FASTENERS WORK

Sl. No.	Item	Conveyor width (mm)	Estimated length for which fastener work to be done in a year	Unit Rate (Rs) / Mtr (7 Fasteners /Mtr)	Service Tax	Any other taxes and duties	Unit Price (with Taxes)	Total Price	% Hike for additional one year period
			A	B	C	D	E= (B+C+D)	F = E X A	
1	Belt fasteners work	1200	2000						
2	Belt fasteners work	1000	1000						
3	Belt fasteners work	600	150						
4	Belt fasteners work	500	150						
Total Price for 12 Months Period (Rs.)									
Total Price (in words) Rupees _____									

All above costs shall be inclusive of all taxes, insurance and surcharges.

G. Total value shall be written both in figures and words.



Mechanical maintenance jobs like replacement of Conveyor belt, Belt Fasteners work,
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PRICE FORMAT FOR REPLACEMENT OF PULLEYS

S.No	Conveyor no	Width of belt	Type of pulley	Qty	No of times to be replaced in a year	Unit Rate (Rs/Pulley)	Service tax	Any other taxes and duties	Unit price With taxes	Total Price	% Hike for another year
				A	B	C	D	E	F=C+D+E	G=F*A*B	
1	BC-1	1000 mm	Drive pulley (DP-1)	1	1						
			Non Drive pulley (NDP-3)	2	1						
			Non Drive pulley (NDP-8)	2	1						
			Non Drive pulley (NDP-9)	1	2						
			Deflector Pulley	1	1						
2	BC-2	1000 mm	Drive pulley (DP-2)	1	1						
			Non Drive pulley (NDP-3)	2	1						
			Non Drive pulley (NDP-8)	2	1						
			Non Drive pulley (NDP-9)	1	2						
			Deflector Pulley	1	1						
3	BC-3	1200 mm	Drive pulley (DP-4)	1	1						
			Non Drive pulley (NDP-1)	2	1						
			Non Drive pulley (NDP-4)	2	1						
			Non Drive pulley (NDP-5)	1	2						
			Deflector Pulley	1	2						
4	BC-4	1200 mm	Drive pulley (DP-6)	1	1						



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			Non Drive pulley (NDP-1)	2	1					
			Non Drive pulley (NDP-4)	2	1					
			Non Drive pulley (NDP-5)	1	2					
			Deflector Pulley	1	2					
5	BC-5	1200 mm	Drive pulley (DP-6)	1	1					
			Non Drive pulley (NDP-1)	2	1					
			Non Drive pulley (NDP-4)	2	1					
			Non Drive pulley (NDP-5)	1	2					
			Deflector Pulley	1	2					
6	BC-6	1000 mm	Drive pulley (DP-2)	1	1					
			Non Drive pulley (NDP-3)	1	1					
			Non Drive pulley (NDP-9)	1	1					
			Deflector Pulley	1	1					
7	BC-7	1000 mm	Drive pulley (DP-5)	1	1					
			Non Drive pulley (NDP-2)	2	1					
			Non Drive pulley (NDP-3)	2	1					
			Non Drive pulley (NDP-6)	1	1					
			Deflector Pulley	1	1					
8	BC-9	1000 mm	Drive pulley (DP-2)	1	1					
			Non Drive pulley (NDP-3)	2	1					
			Non Drive pulley (NDP-8)	2	1					
			Non Drive pulley (NDP-9)	1	2					
			Deflector Pulley	1	2					
9	BC-10	1000 mm	Drive pulley (DP-5)	1	1					



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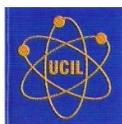
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			Non Drive pulley (NDP-2)	2	1					
			Non Drive pulley (NDP-3)	2	1					
			Non Drive pulley (NDP-6)	1	2					
			Non Drive pulley (NDP-11)	2	1					
			Deflector Pulley	1	2					
10	ISC-1	1000 mm	Drive pulley (DP-2)	1	1					
			Non Drive pulley (NDP-3)	1	1					
			Non Drive pulley (NDP-9)	1	1					
			Deflector Pulley	1	1					
11	IBC-14A/B	1000 mm	Drive pulley (DP-2)	2	1					
			Non Drive pulley (NDP-3)	2	1					
			Non Drive pulley (NDP-9)	2	1					
			Deflector Pulley	2	1					
12	2BC-2A/B	1000 mm	Drive pulley (DP-2)	2	1					
			Non Drive pulley (NDP-3)	2	1					
			Non Drive pulley (NDP-9)	2	1					
			Deflector Pulley	2	1					
13	Magnetic seperator		Drive pulley (DP-1)	1	1					
			Non Drive Pulley (NDP-1)	1	1					

All above costs shall be inclusive of all taxes, insurance and surcharges.

G. Total value shall be written both in figures and words.



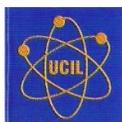
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PRICE FORMAT FOR REPLACEMENT OF CONVEOR BELTS

Sl. No.	Conveyor	Width of Conveyor	Length of conveyor to be replaced	Unit Rate (Rs) / Mtr replacement	Service Tax	Any other taxes and duties	Unit Price (with Taxes)	No. of times conveyor to be replaced in a year	Total Price for replacement of conveyor in a year	% Hike for additional one year period
			A	B	C	D	E= (B+C+D)	F	G = E X A X F	
1	1-BC3	1200	235					2		
2	1-BC4	1200	1015					1		
3	1-BC5	1200	380					1		
4	1-BC6	1000	50					1		
5	1-BC7	1000	315					1		
6	1-BC9	1000	168					1		
7	1-BC10	1000	420					1		
8	1-BC1	1000	230					1		
9	1-BC2	1000	140					1		
10	1-SC1	1000	27					1		
11	1-BC14A/B	1000	15					2		
12	Sodium carbonate & Bi – Carbonate and rest of lime handling conveyors	500	500					1		
13	2BC-2A/B	1000	35					1		
14	Magnetic separator belt	600	5					2		
Total Price for 12 Months Period (Rs.)										
Total Price (in words) Rupees _____										

All above costs shall be inclusive of all taxes, insurance and surcharges.

H. Total value shall be written both in figures and words.



Mechanical maintenance jobs like replacement of Conveyor belt, Belt Fasteners work,
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PRICE FORMAT DE SYSTEM MAINTENANCE WORK

Sl. No.	Location of DE system	Unit rate for maintenance of DE system	Service Tax	Any other taxes and duties	Unit Rate (with taxes)	No of times to be repaired in a year	Total Price	% Hike for additional one year period
		A	B	C	D=A+B+C	E	F = D*E	
1	ROM					3		
2	Fine Crushing Building					4		
3	Screen House					4		
4	Mill House					3		

All above costs shall be inclusive of all taxes, insurance and surcharges.

G. Total value shall be written both in figures and words.

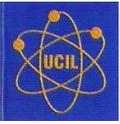


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GENERAL CONDITIONS OF CONTRACT

1. **Nature of Tender**:- Two Part
2. **Working Hours**:- As the requirement is for round the clock operation. Persons will be deputed as per instruction of Engineer-in-charge. No extra claims shall be entertained for working beyond duty hours in such urgency.
3. **Commencement of work** :- Work will commence within one week from the date of issue of work order. Contractor will report to the Engineer In charge, UCIL immediately on receipt of work order for further instructions for carrying out the job. A letter duly signed under contractor's official seal as a token of acceptance of all terms & conditions of work order must reach in the office within two days of receipt of the order. The work order no. & date as well as name of work must be quoted in all correspondences.
4. **Completion period of contract**:- **Completion period of present contract is Twelve months**, which may be extended for further Twelve months after successful completion of first Twelve months with same rate, terms & conditions of the contract. Total price quoted for Twelve months period shall be the deciding factor to evaluate L-1 quotation. (Date of commencement will be reckoned from the date of start of work at site).
5. **Payment Terms**:- Bill (s) will be paid as mentioned in clause "**Bills**" of the Scope of Work or Special Conditions etc. of contract document.

Payment will be released after satisfactory completion of the work in all respect and certification by the Engineer-in-charge, UCIL within 30 days of submission of clear bill in triplicate along with tenderer's letter head. Contractor shall mention actual date of commencement of the work in their bill (s). ***Final bill will be released only after submission of Annual Return (Format to be obtained from Site Office - Mill) and work completion letter in duplicate by the contractor.***
6. **Work Measurement & Inspection / Work Instructions** :- It is to be done jointly as per schedule of items & scope of work, etc. by the Engineer-Incharge, UCIL and the Contractor. The measurement thus taken will be final and acceptable to both parties. Time to time detailed work instructions will be given by the Engineer –in-charge, UCIL.
7. **Jurisdiction / Dispute**: - Any action / dispute arisen out of or from this work order shall be subject to the jurisdiction of court of law at HYDERABAD only, irrespective of anything to the contrary mentioned in the tender / quotation. Any statutory obligation has to be made by the contractor. Tenderer will extend all help.
8. **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 @ 1/2 % per week maximum upto 5% on the awarded / contract value** for each complete week between the time for completion and actual date of completion. **PENALTY CLAUSE**: The work shall be executed strictly as per the requirement of UCIL as detailed in the scope of work. The agency shall be responsible for providing timely and uninterrupted services. Failure to complete the work as per requirement shall attract deduction of a predetermined amount from the contractor as given below from RA bill.
Delay: - Timely maintenance of all the equipments is required. If after receiving the instruction of EIC, the contractor does not start the job with in a reasonable time then penalty equivalent to the rate of that particular service will be imposed. After start of the job if the same is not completed in the stipulated time (Time period is decided by the UCIL based on



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OEM recommendation) due to carelessness/incompetence of contract personnel then additional penalty at the rate of 25 % of the rate of the particular service will be imposed for every 8 hours of delay.

Absent: - Contractor shall maintain required minimum manpower in round the clock shift and general shift as mentioned in the tender. If contractor fail to maintain required manpower without approval of UCIL the penalty will be imposed at a rate of Rs. 1000/- per shift/ per person shortfall. Overtime should not be used to compensate the shortfall in workforce. In any case, maximum working hours per day of technicians should not exceed 16 hrs.

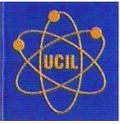
Safety: - All contract personal will wear cotton uniform and will use all personal protective equipments like Helmet, safety shoes and safety belts always. Non availability of any of the above item at any moment of time will call for a penalty at the flat rate of Rs 100 per person per day.

Tools and Tackles: - Contractor will provide minimum necessary tools and tackles as per the list given by Engineer-in-charge. Non-availability of tools during any particular maintenance will call for a penalty Rs. 500 per day.

Uniform /Dress: Penalty @ Rs. 100/- per day per person on not wearing the uniform shall be applicable in this contract.

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.

9. **Force Majeure:** - In case of closure / breakdown / strike / lockout or any other causes beyond control of the corporation preventing normal operation, the corporation shall be at liberty to extend the time for completion or cancel the order without any financial liability whatsoever.
10. **Safety Rules & Regulations for contractor's employees** :- UCIL's Safety Rules & Regulations for contractor's employees as given in the Annexure-B will be complied strictly during the execution of various works at site. **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, shock proof shoe, safety suit / uniform, goggles, gloves, apron, ladders, bamboos, rope, machineries, scaffolding, etc required for the work by their own 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. **UCIL shall not provide any safety appliances and tools & tackles under any circumstances.** Contractor has to follow the Safety Rules & Regulations as per Indian Electricity Rules to do the electrical works. 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.
11. **Safe Transportation / Storage of Materials:** - Contractor will have to make their own arrangement for to and fro transportation of men, material and machine, etc. including loading and unloading at their own expense under this contract. Contractor will also be responsible for safe keeping of materials at their own cost issued by UCIL either free of cost or chargeable basis. The contractor shall build suitable stores at his own cost for safe keeping of materials as per instruction of the Engineer Incharge-UCIL, if required or UCIL will provide the same subject to availability. In case contractor is allowed to construct any structure, contractor shall have to demolish and clear the same before handing over the



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completed work. On completion of work or during the course of work all materials issued to the tenderer should be accounted for. A statement of material issued / consumed during the month & record of job done during a day are to be submitted by the party to the Engineer - Incharge, UCIL. For this contractor will provide and maintain a register and duplicate / triplicate books also at his own cost as per direction. Tenderer will transport all material from UCIL – Stores / Godown to contractor's work site in safe custody. Contractor shall have to return / store all material including surplus / dismantled material from their work site to a specified place in UCIL premises and cut the unused dismantled materials in small pieces as per direction / instruction of the Engineer Incharge, UCIL and a material reconciliation statement to be submitted along with the final bill. And work place should be kept clean and all dismantled, left out material should be disposed properly every day as per instruction of the Engineer Incharge, UCIL. Failing which company have the right to retain the final bill till site clearance is completed.

12. **Price Escalation:-** No escalation on any account shall be payable and price quoted shall be firm till completion of the work under this contract. *Offers with price variation clause will be out rightly rejected.*
13. **Muster Roll:-** The contractor has to submit a copy of the muster roll every week to the Engineer Incharge, 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 Incharge-UCIL.
14. **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 Incharge, UCIL before the commencement of work. Contractor shall also submit the proof of the renewal of the same policy at least two days before the expiry date of the previous policy to the Engineer Incharge-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.*
15. **Temporary work closure:** - If the work site is required to be suspended for some days / period because of any reason, contractor may close the site temporarily under written intimation *in triplicate* to the Engineer-Incharge, UCIL. During the above period, the contractor will be in touch with the Engineer Incharge- UCIL for further instructions, if any. No extra claim against any idling of contractor's site crew / staff & machineries, etc. will be entertained.
16. **Material (s) Supply by UCIL and Contractor:** - The Corporation will not provide any accommodation, tools and tackles, men, material, machineries, transport, etc. for this work. **No facility / supply other than mentioned in special conditions, scope of work and schedule of items will be provided by UCIL as free or on chargeable basis. If Any other materials / facilities that are not covered under this tender but are required to complete the work, will have to be arranged by the contractor / party at their own expense. No extra claim shall be entertained against the materials that are not covered under this contract.** *But contractor shall submit free samples (materials) for approval, if required and materials*



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approved by the Engineer Incharge, UCIL shall only be used. UCIL reserves the right to reject goods which are not as per specification and in case of rejection contractor shall have to replace material free of cost. Any deviation from the tender shall be clearly mentioned in the Part-I (**Techno Commercial Bid & EMD**) under the heading “**Deviation**”.

17. **Welfare and Health of Contract Labour** :- The contractor shall have to provide the facilities under the provision of “Contract Labour (Regulation and Abolition) Act, 1970 – Section – 16,17,18 and 19,Chapter -V , Welfare and Health of Contract Labour”.
18. **Contract Agreement**: - Contract Agreement should be executed in prescribed format on a non-judicial stamped paper before commencement of work within *one week* from the date of issue of work order / L.O.I. However, no payment will be made without execution of contract agreement.
19. **Submission and opening of Tender**: - Tender / quotation / bid shall be submitted in a manner asked strictly in accordance with the tender terms & conditions laid down in the Enquiry / Tender document giving full details necessary for assessing their offer. Contractor shall sign and stamp on each pages of this tender document. Canvassing in any form is strictly prohibited and disqualify the tenderer for the tender submitted for. Tenders will be rejected, if sealed tender envelopes are not super scribed on the top as per instructions given. Tenders will not be received after due date and time. Tenders will not be accepted by Fax. Tenders submitted without earnest money deposit will be summarily rejected. If any of the date under this contract is declared holiday, the event scheduled on that day will be automatically shifted on the next working days.

Sealed tenders / quotations in duplicate should be submitted in two parts as given below (or as mentioned in our enquiry letter) to the Competent Authority- UCIL. The above envelopes shall be super scribed on the top as Techno Commercial Bid and E.M.D. and Price Bid respectively with NIT / Enquiry No. & Date / full name of the work / Tender Opening Date / Name & Address of the tenderer.

1. Techno Commercial Bid and E.M.D envelope shall contain papers

- Tenderer’s covering letter in duplicate, scope of work, special conditions.
- General conditions of contract.
- UCIL’s labour and safety rules.
- Statement / Xerox copies regarding previous three years experience and present status mentioning the value of work in detail, list of tools & tackles, technical personnel, transports and other equipments,.
- Balance sheet, income tax clearance certificate copy for last three financial years, if any and any other documents as deemed necessary (duly signed and stamped on each page).

&

2. **Price Bid** envelope shall contain papers of duly signed and stamped price / rate proposal only *in Duplicate* along with tenderer’s covering letter in duplicate.

Finally both envelope shall be inserted into a third cover. And this third envelop shall also be sealed and properly superscribed as Name of the work on the top with Tender/Enquiry Number & Date / Tender Opening Date/ Name and Address of the Tenderer, etc. The tenders



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after receipt shall be opened on the stipulated date and time by the Chairman and Managing Director or his representative in presence of the intending bidders.

20. **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 **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 requested to inspect the site and equipments covered under present tender etc.
21. **Rate (s) in figures and words** :- The tenderer should mention their price / item rates in figures as well as in words. In case of any dispute / ambiguity, the price / rate mentioned in words shall be considered as final. Insertions, postscripts, additions and alterations shall not be recognised unless confirmed by the tenderer's signature. **Tenderer shall be submitted schedule of items(s) and rate(s) in triplicate duly signed and stamped on each page.**
22. **Tax & Duties:** - The quoted rate should be inclusive of all taxes and duties including service tax, if applicable. And imposition of any new taxes / duties by the State Govt. or Central Govt. during the contract execution period will also be paid by the contractor. Hence, no other taxes, duties and royalty, etc. would be paid extra.
23. **Annual Labour Return;**- Contractor shall have to submit a letter of work commencement or completion **IMMEDIATELY** in duplicate in prescribed format and annual return in format no.-XXV (*Format to be obtained from Site Office - Mill*) to the Engineer Incharge, UCIL for onward transmission to the Competent Authority, Govt. of India, Ministry of Labour, Andhra Pradesh.
24. **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 upto the **total variation of $\pm 10\%$ of the awarded value.** The other terms & conditions and rates shall remain firm within this limit.
25. **Validity** :- The offer should remain valid for a minimum period of *three months* from the date of opening of the final price part. The Tenderers shall not be allowed to increase, amend or withdraw his tender within this period and if he does so the earnest money deposit and security deposit may be forfeited.
26. **Training , etc.** :- Contractor shall have to bring all their labourers for necessary training & guidance in *Mill Training Centre* at their own cost before actual commencement of the work at their own cost. The work shall be carried out with the help of experienced / skilled persons or ITI with NCTVT certificate holders or equivalent, etc. And Supervisor having Supervisory Certificate of Competency is to be engaged for supervision or as per direction of the Engineer-In-charge. Persons holding H.T. Licence of relevant section as per I.S. will be allowed to do the job of electrical works. Contractor shall have to submit a letter of authorisation (in duplicate) in favour of his experience / qualified and responsible representative as "Site Supervisor" to look after the work site and receive official letters and instructions or to issue / receive materials from stores in absence of main contractor at site.
27. **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.



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28. **Labour Employment Conditions for executing work** :- As given in clauses 1 to 13 in Annexure-A.
29. **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 the site in good order and same shall be available for inspection and use by the Engineer Incharge, 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.
30. **Award of Contract** :- The Corporation reserves the right to accept or reject any or all tender either in full or part or to split up the work, if necessary, without assigning any reasons therefore.
31. **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.
32. **Security Rules & Regulations and Entry Passes:-** 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 four nos. passport size photograph for each labourer separately to the Competent Authority, UCIL.** Contractor will make necessary Entry Passes from concerned officials of SPF Unit, UCIL sufficiently in advance. 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.
33. **Defects Liability Period:** - During the defect liability period / guarantee period from the certified date of handing over of job. The contractor shall rectify the defects, if any, detected / reported during the guarantee period under this tender from the certified date of completion of work. The contractor shall be responsible to make good and remedy at his own expense within such period, as may be stipulated by the Engineer-Incharge before the expiry of the guarantee period.
34. **Security Deposit:** The Amount of Security Deposit including the amount of Earnest Money shall be 10% of the awarded value of work. Security Deposit equivalent to an amount of 5% of the ordered value is required to be deposited under this contract in Accounts Department-UCIL in cash or demand draft before the start of the work. Failure to carry out the awarded work shall entail forfeiture security deposit entirely. Security Deposit will be refunded without any interest on written request in duplicate to the Engineer-in-charge after satisfactory completion of the work.
35. **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**



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- v) **Minimum Wages Act,1948**
- vi) **Employees State Insurance Act,1948**
- vii) **Mines Act, 1952**
- viii) **EPF & MP Act, 1952**
- ix) **Maternity Benefit Act,1961**
- x) **Contract Labour (Regulations & Abolition) Act, 1970**
- xi) **All statutory provisions of Atomic Energy Regulatory Board**



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FORMAT

To,
The GM(TS)/DGM(Mech.)
UCIL, Tummalapalle

Date : _____

Sub :- Information regarding commencement of work of
“ (_____ *Name of the work in detailed* _____)

Ref :- Work Order No. _____ Date: _____

Dear Sir,

I would like to inform you that the above referred subject work awarded to me and work already started. I am furnishing herewith the following particulars against the work for your information and necessary action :-

1. Work commenced on: _____
2. Period of contract: _____
3. Maximum nos. of labourers likely to be engaged: _____
4. Name of proprietor / Partner etc. of contractor: _____
5. Labour Insurance policy No. and date and valid upto : _____

Thanking you

Yours faithfully,
For M/s-----



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ANNEXURE – A

LABOURERS

1. The contractor shall employ labour 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 – Incharge . 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. Addl. Commandant , SPF 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 Asst. Commandment, SPF.
4. SPF 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 Incharge 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 there under 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 there under.
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 there under 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 there under 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



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Incharge 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 there under 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 there under 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 there under / 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 Incharge 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 Incharge 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.



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ANNEXURE - B

SAFETY OF CONTRACTOR'S 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.

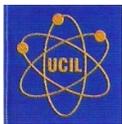
In the event that contractor fails to comply with these provisions, the contracting officer may, without prejudice to any other legal or contractual rights , issue an order for stopping all or any part of the work, thereafter a start order for resumption of work may be issued at the sole discretion of 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 employ 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 – Incharge, 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)



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- 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 .
- 4.3 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.
- 4.3.1 Prime contractor reports shall include the man days lost and occurrence of accident under the jurisdiction of the Sub Contractors.
- 4.3.2 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 change, 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.



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APPENDIX – 2

(FORM – A)

ACCIDENT INVESTIGATION REPORTS

Name of contractor and project :
Nature of contract :
Name of Engineer Incharge :
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



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APPENDIX – 3

(FORM –B)

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.	<u>Male</u>	<u>Female</u>
--	-------------	---------------

Engineers

Supervisors

Labours

Total nos. of accidents
(including Type A & B)

Disabling injuries

Non – disabling injuries

(Signature & stamp of Contractor)

cc: Engineer – Incharge
cc: Safety officer, UCIL (MILL)