

## **PART II**

### **PRICE PART**

**Excavation, stripping, lining and commissioning of west ventilation shaft at Bagjata Mine**

## **PRICE PART**

**N.I.T No: UCIL /BGT /MM /52**

### **Special Instructions to the Tenderers**

The tender should be submitted in a sealed **Cover Envelope** (subscribed with NIT No, Name of the work, date and time of opening, name & address of the party).

The cover envelope should have two more envelopes, **Envelope-I**, **Envelope-II** & **Envelope-III** containing the following details.

- |                     |  |
|---------------------|--|
| <b>Envelope-I:</b>  | <b>Part I</b> should contain Technical offer along with credentials etc, Earnest Money Deposit /Bank Guarantee in original along with two sets of photocopies. |
| <b>Envelope-II:</b> | <b>Part II</b> should contain sealed price offer in original with two sets of photocopies.   |
| <b>Envelope-III</b> | Envelope containing a Bank Draft of Rs 2000/ (cost of tender document)   |

The credentials should carry a declaration of fulfilling the essential requirements as specified in the tender notice and also contain a summary supporting this declaration.

All the envelopes should be super scribed with: NIT No, Name of the Tenderer, and Date of Opening of Tender as advertised /notified.

All the pages of the tender document including the Price Part should be duly signed along with the seal of the tenderer without which tenders are likely to be rejected.

Signature of the Tenderer with Seal

**TABLE FOR FILLING UP THE RATE**

N.I.T. No: UCIL /BGT /MM /52

Schedule of Quantities for: Excavation, stripping, lining and commissioning of west ventilation shaft at Bagjata Mine

No	Description of Item	Quantity	Unit	Rate		Amount	
				Rs.	P.	Rs.	P
1	<b>Removal of excavated broken rock within a distance of 5.0 km including cutting of bushes etc for site access</b> including all equipment ,all labour, plant, tools, tackles, all activities whatsoever , transportation of all materials, all incidental miscellaneous works as per the direction of the Engineer-in-charge	300	Cum				
	Total: Rupees						
2	<b>Site preparation, Excavation, stripping, lining and commissioning of 4.5 m dia.(finished) ventilation shaft through consolidated and unconsolidated rocks, weathered rocks etc from original GL to 5 ML at Bagjata Mine (as per Drawing ) including all materials (except explosive, detonators, rock bolts, chock mates, chain link, pipes, hoses, fittings, clamps, Rope Ladder, ventilation ducts, power and other cables, light fittings, bulbs, tube lights, cement, stone chips, sand), all equipment (except cap lamps, charging rakes, and spares, consumables, fuel and lubricants for these equipment), all labour, plant, tools, tackles, all activities whatsoever</b> like face preparation, drilling, blasting, ventilation, supporting, platform making, rope ladder fixing, mucking, dewatering, housekeeping, <b>transportation of all materials from surface to underground and vice versa and all incidental miscellaneous works</b> like fitting /laying /installation / charging /connection /disconnection / maintenance /repair of 1", 2", 4" pipes, fittings, valves, fans, ventilation ducts and cables, (signalling /lighting /power), switch gears, joint boxes, lighting transformers /lights and light fittings <b>and disposal of excavated muck to disposal site</b> as per the direction of the Engineer-in-charge	13	RM				
	Total:						

Schedule of Quantities for: Excavation, stripping, lining and commissioning of west ventilation shaft at Bagjata Mine

No	Description of Item	Quantity	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
3	<b>Excavation, stripping, lining and commissioning of 4.5 m dia.(finished) ventilation shaft in hard /soft rock formations from original 5 ML to 60 ML at Bagjata Mine (as per Drawing ) including all materials (except explosive, detonators, rock bolts, chock mates, chain link, pipes, hoses, fittings, clamps, Rope Ladder, rock bolts,ventilation ducts, power cement, stone chips, sand and other cables, light fittings, bulbs, tube lights), all equipment (except cap lamps, charging rakes, and spares, consumables, fuel and lubricants for these equipment), all labour, plant, tools, tackles, all activities whatsoever</b> like face preparation, drilling, blasting, ventilation, supporting, platform making, rope ladder fixing, mucking, dewatering, housekeeping, <b>transportation of all materials from surface to underground and vice versa and all incidental miscellaneous works</b> like fitting /laying /installation / charging /connection /disconnection / maintenance /repair of 1", 2", 4" pipes, fittings, valves, fans, ventilation ducts and cables, (signalling /lighting /power), switch gears, joint boxes, lighting transformers /lights and light fittings <b>and disposal of excavated muck to disposal site</b> as per the direction of the Engineer-in-charge	50	RM				
	Total: Rupees						

Schedule of Quantities for : Excavation, stripping, lining and commissioning of west ventilation shaft at Bagjata Mine

No	Description of Item	Quantity	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
4	<b>Crosscut (4 meter X 4 meter) in square cross section at Bagjata Mines in hard /soft /weathered rock formations(as per Drawing ) including all materials (except explosive, detonators, rock bolts, chock mates, chain link, pipes, hoses, fittings, clamps, Rope Ladder, rock bolts,ventilation ducts, power and other cables, light fittings, bulbs, tube lights), all equipment (except cap lamps, charging rakes, and spares, consumables, fuel and lubricants for these equipment), all labour, plant, tools, tackles, all activities whatsoever</b> like face preparation, drilling, blasting, ventilation, supporting, platform making, rope ladder fixing, mucking, dewatering, house keeping, <b>transportation of all materials from surface to underground and vice versa and all incidental miscellaneous works</b> like fitting /laying /installation / charging /connection /disconnection / maintenance /repair of 1", 2", 4" pipes, fittings, valves, fans, ventilation ducts and cables, (signalling /lighting /power), switch gears, joint boxes, lighting transformers /lights and light fittings <b>and disposal of excavated muck to disposal site</b> as per the direction of the Engineer-in-charge	20	<b>RM</b>				
	Total: Rupees						

Schedule of Quantities for : Excavation, stripping, lining and commissioning of west ventilation shaft at Bagjata Mine

No	Description of Item	Quantity	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
5	<b>Stripping in hard /soft /weathered rock formations(as per Drawing ) including all materials (except explosive, detonators, rock bolts, chock mates, chain link, pipes, hoses, fittings, clamps, Rope Ladder, ventilation ducts, power and other cables, light fittings, bulbs, tube lights), all equipment (except cap lamps, charging rakes, and spares, consumables, fuel and lubricants for these equipment), all labour, plant, tools, tackles, all activities whatsoever</b> like face preparation, drilling, blasting, ventilation, supporting, platform making, rope ladder fixing, mucking, dewatering, housekeeping, <b>transportation of all materials from surface to underground and vice versa and all incidental miscellaneous works</b> like fitting /laying /installation / charging /connection /disconnection / maintenance /repair of 1", 2", 4" pipes, fittings, valves, fans, ventilation ducts and cables, (signalling /lighting /power), switch gears, joint boxes, lighting transformers /lights and light fittings <b>and disposal of excavated muck to disposal site</b> as per the direction of the Engineer-in-charge	200	Cum				
	Total: Rupees						

Schedule of Quantities for : Excavation, stripping, lining and commissioning of east ventilation shaft at Bagjata Mine

Sl. No	Description of Item	Quantity	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
6	<b>Manhole striping in hard /soft /weathered rock formations(as per Drawing ) including all materials (except explosive, detonators, rock bolts, chock mates, chain link, pipes, hoses, fittings, clamps, Rope Ladder, ventilation ducts, power and other cables, light fittings, bulbs, tube lights), all equipment (except cap lamps, charging rakes, and spares, consumables, fuel and lubricants for these equipment), all labour, plant, tools, tackles, all activities whatsoever</b> like face preparation, drilling, blasting, ventilation, supporting, platform making, rope ladder fixing, mucking, dewatering, housekeeping, <b>transportation of all materials from surface to underground and vice versa and all incidental miscellaneous works</b> like fitting /laying /installation / charging /connection /disconnection / maintenance /repair of 1", 2", 4" pipes, fittings, valves, fans, ventilation ducts and cables, (signalling /lighting /power), switch gears, joint boxes, lighting transformers /lights and light fittings <b>and disposal of excavated muck underground to disposal site</b> as per the direction of the Engineer-in-charge	100	Cu m				
Total: Rupees							

Schedule of Quantities for : Excavation, stripping, lining and commissioning of east ventilation shaft at Bagjata Mine

Sl. No	Description of Item	Quantity	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
7	<b>Installation of rock bolts</b> of 20mm dia grouting 3.0 Mtr. in length including cost of drilling of hole, carriage of rock bolt, making platforms, grouting, labour, plant, tools and tackles etc. (excluding cost of rock bolts, cement and sand) complete as per directions of engineer-in-charge.	1,500	No				
Total: Rupees							

Schedule of Quantities for : Excavation, stripping, lining and commissioning of east ventilation shaft at Bagjata Mine

Sl. No	Description of Item	Quantity	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
8	<b>Providing and laying reinforced cement concrete (RCC) work 1:1.5:3</b> (1 Cement: 1.5 coarse sand : 3 graded stone aggregate using, 20mm and 12.5 mm down screened and washed) and placing it in underground wall, roof, floor etc. in skin to skin contact with rock including any loading and transportation from surface to underground, rod binding /tacking, machine mixing, placing and mechanically vibrating, including cost of platform making, shuttering, and reinforcement etc. (excluding the cost of aggregates, sand, cement and deformed bars for reinforcement) complete in all respects as per specification and direction (thickness and shape as per drawing) at any level .	300	Cu M				
Total: Rupees							



Schedule of Quantities for : Excavation, stripping, lining and commissioning of east ventilation shaft at Bagjata Mine

Sl. No	Description of Item	Quantity	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
9	<b>Brick work in cement mortar/ 1:1.5:3</b> (1 Cement: 1.5 coarse sand : 3 graded stone aggregate using, 20mm and 12.5 mm down screened and washed) and placing it in underground wall, roof, floor etc. in skin to skin contact with rock including any loading and transportation from surface to underground, rod binding /tacking, machine mixing, placing and mechanically vibrating, including cost of platform making, shuttering, and reinforcement etc. (excluding the cost of aggregates, sand, cement and deformed bars for reinforcement) complete in all respects as per specification and direction (thickness and shape as per drawing) at any level .	100	Cu M				
Total: Rupees							
Sl. No	Description of Item	Quantity	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
10	<b>Fixing of wire mesh /chain link</b> including cost of carriage of wire mesh/chain link fencing, labour, tools and tackles etc. but excluding cost of wire mesh/ chain link fencing complete as per directions of Engineer-in-charge	20	Sq. M				
Total: Rupees							
11	<b>Painting and washing</b> of roof, floor and sides, after water spraying to remove the dust particles settled on the rock surface, with aqueous solution of lime, blue and fevicol with the help of compressed air using spraying nozzle including cost of all material, labour, tools and tackles and carriage from surface to underground and vice versa, but excluding cost of lime, blue and fevicol , complete as per directions of Engineer-in-charge	1000	Sq. M				
Total: Rupees							

Total quoted amount rupees

Overall rebate, if any: \_\_\_\_\_(in figures) \_\_\_\_\_(in words)

Note:

1. All the rates quoted against items shall be written in figures and words without which tenders are liable to be rejected. If any discrepancy is observed then rate in words will be taken in to account.
2. Overall rebate, if any, should be mentioned in above column only and written elsewhere shall not be considered.
3. The tenderer must duly sign all the pages of tender document along with the seal of his agency.
4. The description of the items given in the Price schedule is only a brief description of the work and in case of any ambiguity, contradiction, omission, doubt, one has to refer to the general and special conditions of the tender.
5. Price bid shall be including with all the prevailing taxes, duties etc. including service tax

Signature of contractors with seal