

6.0 SCOPE OF WORK

A. NAME OF THE WORK : Assistance in Workshop and Tool filing section

1. TURNER :-

- Turning shaft of various sizes from 5mm dia to 150mm dia,
- Turning of Aluminum bronze profile dies to drawings,
- Turning, fixing & boring Gun metal bushes
- Boring, thread cutting & Turning various machine spares of different profiles, sizes and materials like Steel, Cast iron, Brass, Aluminum bronze, Gun metal, Nylon, Wood, etc.
- Cleaning and lubricating the machineries daily.
- Help others whenever required

Skill Required – Should able to perform the following operation Turning, Drilling, Thread cutting, Tapping, etc on LB 20 lathe having swing 400mm dia and of 1500mm Bed length, Lathe having swing 900mm dia and of 2000mm Bed length, Kirloskar lathe having swing 500mm dia and of 2500mm Bed length with tool, drill bit, etc grinding for the above operation.

Accuracy of job - ± 0.01

Presently no of persons working- 2 (Two)

2.MACHINIST:-

- Different types of Gearing (spur gears, Helical gears, worms, rack, etc) cutting, using milling m/c
- Different size of internal & external key ways, using milling & slotting m/c
- Surface milling, Surface Planning, dove tails, machining using dividing head, etc using milling & planning m/c
- Drilling, boring, spot facing, tapping, reaming, using drilling m/c.
- Should change milling attachment & cutters, Clean & Lubricate the M/c.
- Help others when ever required

Skill Required – Should able to operate the following m/c & perform the above operation.

Universal milling m/c- Table size 1100x275mm, Vertical traverse-365mm

Vertical m/c- Table size 1000x300mm, Vertical traverse-300mm

Slotting m/c- Table size 600 \emptyset , Vertical height 300mm

Planning m/c- Table size 2480x760mm, Vertical height 800.

Radial drilling- Arm length 700mm, Vertical height 700mm.

Accuracy of job - ± 0.01

Presently no of persons working- 1 (One)

10.3.WELDER:-

- Welding MS, Steel, SS, Cast Iron, Special welding electrode, Aluminum, Brass using Arc & Gas welding
- Gas cutting MS Plate 6 to 100mm thickness
- Groove cutting, gouging using Arc welding
- Brazing, soldering, tinning.
- Casting white metal bearings
- Tinkering & sheet metal works
- Fabrication of ducts, cones, structural etc
- Help others when ever required

Skill Required – Should able to perform the above operation & make templates for cones, taper duct, etc, Should able to operate the Diode type, transformer type, generator type arc welding m/c and oxygen & acetylene gas plant.

Presently no of persons working- ONE

10.4.CLEANING:-

- Sweeping Work shop, Tool engineering, Smithy.
- Removing chips (boring) from machines and transport to scrap yard
- Transport materials from general stores.
- Collection of scrap material from work shop, storing and transport to scrap yard.
- Files distribution to other departments.
- Rearrange raw materials, tools, etc in tool crib workshop.

Skill Required – Should able to perform the above work.

Presently no of persons working- 1 (One)

Skill required, number of persons and wage details

Sl No	Job	Skill Category	No. of persons	Gross Daily wage payable excluding contractor margin
1	Machine shop helper	Semi-Skilled	1	Rs.167.31
2	Assisting Turning	Specialised	1	Rs.215.07
3	Assisting Mechanic	Specialised	1	Rs.215.07
4	Assisting Welding	Specialised		Rs.215.07

Working Hours: 8-00 AM to 4-30 PM on all week days, other shifts as required and notified time to time.

GENERAL INSTRUCTIONS :

1. * - Gross daily minimum wage is the expenditure per person per day for 8 hours of work. This includes minimum wage payable to each labourer, attendance bonus, travelling allowance, PF & ESI contribution.
2. In case of absenteeism of labourers, contractor has to arrange for alternate labourer. Failing which, the monthly lump sum rate payable for each of the work will be reduced on pro-rata.
3. Lowest Bid – L1 will be decided based on the total cost only. The lowest bid on total cost is considered L-1 successful and work order will be placed on them accordingly after negotiations if any.

ANNEXURE – II

7. PRICE BID FORMAT :

NAME OF THE WORK : Assistance in Workshop and Tool filing section

NOTE : RATE TO BE QUOTED PER MONTH INCLUSIVE OF MINIMUM WAGES PAYABLE TO WORKMEN, ESI & PF AS PER RULES, ANNUAL BONUS, LEAVE, TRANSPORT ALLOWANCE AND CONTRACTOR MARGIN

Sl No	Jobs outsourced	Skill Category	No. of Persons	Average No. of Days per month	Rate per Month
1	Machine shop helper	Semi-Skilled	1	26	
2	Assisting Turning	Specialised	2	26	
3	Assisting Mechanic	Specialised	1	26	
4	Assisting Welding	Specialised	1	26	
TOTAL					

(SIGNATURE OF THE BIDDER & SEAL)