

No SPC/RCT/DTH Hammer/02/2007- 2008/B-10360
Directorate of Industries,
New Administrative Building, 2nd floor,
Opp. Mantralaya,
Mumbai - 400 032.
Tel. No. 22023505, Fax No. 22026826
Date:- 05/03/2008

To,

M/s. Omega Engineering Works,
46, EC Extension, ECIL Post,
Hyderabad – 500062(AP)
Telefax No. 040- 27635581

Subject: - Rate Contract for the supply of DTH Hammers for the period from 05/03/2008 to 30/06/2008

Reference: - This office A/L No SPC/RCT/ DTH Hammers /02/2007- 2008/ B-8010, dt. 22/02/2008.

Dear Sir,

Your offer for supply of DTH Hammers for the purpose of rate contract has been accepted. Detailed terms & conditions, specifications of stores to be supplied and their rates/duties etc. are incorporated in the schedule attached hereto.

- 1) You are requested to acknowledge the receipt of this rate contract within 7 days from the date of receipt of this letter. Non -receipt of your confirmation of this rate contract within 7 days will be deemed to be your acceptance of the said rate contract with all the terms & conditions stipulated therein.
- 2) Any terms and conditions of your offer which are repugnant to or inconsistent with the terms and conditions of this rate contract shall be void and of no force and effect.
- 3) Receipt of your agreement in duplicate and security deposit in the form of Demand Draft for due performance of the rate contract is hereby acknowledged.

Yours faithfully,



Joint Director of Industries (C.S.P.O.)

SCHEDULE

No. & date of rate contract	No SPC/RCT/DTH Hammers/02/2007- 2008/ Dated:- -----
Name & Address of the firm	M/s. Omega Engineering Works, 46, EC Extension, ECIL Post, Hyderabad – 500062(AP) Telefax No. 040- 27635581
Store covered under the rate contract	DTH Hammers
Area	Whole of Maharashtra
Percentage of rate contract order	100 %
Period of Rate Contract	05/03/2008 to 30-06-2008

Item No.	Description of Goods with details of specification	Rates Per No (in Rs.)
1	<p>DTH Hammer suitable for drilling of 150 mm – 165 mm dia holes in Hard Rock formation at 150 psi (10 bar) Air pressure.</p> <p>The DTH Hammer should be capable of drilling 150 - 165 mm dia bore holes in hard rock formations and 200 - 215mm dia holes in over burden formations.</p> <p>The Hammer should have following Technical Specifications/Technical Data-</p> <p>Type of Hammer DHD-16 or Equivalent</p> <p>01. Hole Dia : 150 mm - 165 mm</p> <p>02. Piston Stroke : Upto 115 mm</p> <p>03. Piston Diameter : Upto 120 mm</p> <p>04. Weight without Bit : Upto 110 Kg.</p> <p>05. Length of Hammer : Upto 1400 mm</p> <p>06. Outer Diameter : Upto 142 mm</p> <p>07. Penetration Rate : Min. 8 Mtrs. per hour</p> <p>08. Type of Button bits : DHD-160</p> <p>09. Special Features : Top sub should have extra flushing facility for effective removal of cuttings in deep water well drilling.(Details should be furnished)</p> <p>10. Operating Air Pressure: 7 to 10 Bar</p> <p>11. Connecting Thread : 3 ½" API Reg.</p> <p>12. Heat treatment & hot peening operation should be carried out to the Wear Sleeve, Piston, Cylinder, Back Head & Chuck of the hammer and proof of the same regarding facilities to carry out above operations should b submitted along with the Tender Documents.</p> <p>13. Warranty : 12 months from the date of commissioning /4500 mtrs. drilling work whichever is earlier.</p> <p>Qualification Criteria: - Tenderer should be manufacturer of Hammers having manufactured and marketed 50 Hammers of similar type during last three years to Govt. deptt. List of Buyers along with Performance Certificate should be enclosed with the Tender Documents.</p>	46,000/-

2	<p>DTH Hammer suitable for drilling of 150-mm dia holes in Hard Rock formation at 100-psi (7 bar) Air pressure.</p> <p>The DTH Hammer should be capable of drilling 150 mm – 165 mm dia bore holes in hard rock formations and 200 – 215 mm dia holes in over burden formations.</p> <p>The Hammer should have following Technical Specifications/Technical Data-</p> <p>Type of Hammer DHD-16 or equivalent</p> <p>01. Hole Dia : 150 mm – 165 mm</p> <p>02. Piston Stroke : Upto 140 mm</p> <p>03. Piston Diameter : Upto 100 mm</p> <p>04. Weight without Bit : Upto 110 Kg.</p> <p>05. Length of Hammer : Upto 1400 mm</p> <p>06. Outer Diameter : Upto 142 mm</p> <p>07. Penetration Rate : Min. 5 Mtrs. per hour @ 7 bar (100 psi)</p> <p>08. Type of button bit : DHD-16</p> <p>09. Special Features : Top sub should have extra flushing facility for effective removal of cuttings in deep water well drilling. Details should be furnished)</p> <p>10. Operating Air Pressure: 7 to 10 Bar</p> <p>11. Connecting Thread : 3½" API Reg.</p> <p>12. Heat treatment & hot peening operation should be carried out to the Wear Sleeve, Piston, Cylinder, Back Head & Chuck of the hammer and proof of the same regarding facilities to carry out above operations should be submitted along with the Tender Documents.</p> <p>13. Warranty : 12 months from the date of commissioning /3000 Mtrs. drilling work whichever is earlier.</p> <p>Qualification Criteria :- Tenderer should be manufacturer of Hammers having manufactured and marketed 50 Hammers of similar type during last three years to Govt. deptt. List of Buyers along with Performance Certificate should be enclosed with the Tender Documents.</p>	44,000/-
3	<p>DTH Hammer suitable for drilling of 150 mm dia holes in Hard Rock formation at 250 psi Air pressure.</p> <p>The DTH Hammer should be capable of drilling 150 mm – 165 mm dia bore holes in hard rock formations and 200 – 215 mm dia holes in over burden formations.</p> <p>The Hammer should have following Technical Specifications/Technical Data-</p> <p>Type of Hammer COP-64 or Equivalent</p> <p>01. Hole Dia : 150 mm to 165 mm</p> <p>02. Piston Stroke : upto 115 mm</p> <p>03. Piston Diameter : upto 120 mm</p> <p>04. Weight without Bit: Upto 95 Kg.</p> <p>05. Length of Hammer: Upto 1213 mm</p> <p>06. Outer Diameter : Upto 142 mm</p> <p>07. Penetration Rate : Min. 10 Mtrs. per hour @ 10 bar (150 psi)</p> <p>08. Type of Button Bit - COP-64</p> <p>09. Special Features : Top sub should have extra flushing facility for</p>	48,000/-

	<p>effective removal of cuttings in deep water well drilling.(Details should be furnished)</p> <p>10. Operating Air Pressure: 10 to 18 Bar</p> <p>11. Connecting Thread : 3½" API Reg.</p> <p>12. Heat treatment & hot peening operation should be carried out to the Wear Sleeve, Piston, Cylinder, Back Head & Chuck of the hammer and proof of the same regarding facilities to carry out above operations should be submitted along with the Tender Documents.</p> <p>13. Warranty : 12 months from the date of commissioning /5000 Mtrs. drilling work whichever is earlier.</p> <p>Qualification Criteria :- Tenderer should be manufacturer of Hammers having manufactured and marketed 50 Hammers of similar type during last three years to Govt. deptt. List of Buyers along with Performance Certificate should be enclosed with the Tender Documents.</p>	
4	<p>DTH Hammer suitable for drilling of 115 mm dia holes in Hard Rock formation at 100 psi (7 bar) Air pressure.</p> <p>The DTH Hammer should be capable of drilling 150 mm – 165 mm dia bore holes in hard rock formations and 200 – 215 mm dia holes in over burden formations.</p> <p>The Hammer should have following Technical Specifications/Technical Data-</p> <p>Type of Hammer DHD-14 or Equivalent</p> <p>01. Hole Dia : 115 mm</p> <p>02. Piston Stroke : 100 to 155 mm</p> <p>03. Piston Diameter : 65 to 78 mm</p> <p>04. Weight without Bit: Upto 38 Kg.</p> <p>05. Length of Hammer: Upto 1200 mm</p> <p>06. Outer Diameter : Upto 100 mm</p> <p>07. Penetration Rate : Min. 3 Mtrs. per hour @ 7 bar (100 psi)</p> <p>08. Type of Button Bit – DHD-14</p> <p>09. Special Features : Top sub should have extra flushing facility for effective removal of cuttings in deep water well drilling.(Details should be furnished)</p> <p>10. Operating Air Pressure: 100 psi (7 Bar)</p> <p>11. Connecting Thread: 2 3/8" API Reg.</p> <p>12. Heat treatment & hot peening operation should be carried out to the Wear Sleeve, Piston, Cylinder, Back Head & Chuck of the hammer and proof of the same regarding facilities to carry out above operations should be submitted along with the Tender Documents.</p> <p>13. Warranty: 12 months from the date of commissioning /1000 Mtrs. drilling work whichever is earlier.</p> <p>Qualification Criteria: - Tenderer should be manufacturer of Hammers having manufactured and marketed 50 Hammers of similar type during last three years to Govt. deptt. List of Buyers along with Performance Certificate should be enclosed with the Tender Documents.</p>	17,000/-
5	<p>DTH Hammer suitable for drilling of 115 mm dia holes in Hard Rock formation at 100 psi Air (7 bar) pressure.</p> <p>The DTH Hammer should be capable of drilling 115 mm dia bore holes in hard rock formations and 150 –165 mm dia holes in over burden formations.</p>	19,000/-

	<p>The Hammer should have following Technical Specifications/Technical Data-</p> <p>Type of Hammer COP-42 or Equivalent</p> <p>01. Hole Dia : 115mm</p> <p>02. Piston Stroke : 100 to 115 mm</p> <p>03. Piston Diameter : 75 to 78 mm</p> <p>04. Weight without Bit: Upto 38 Kg.</p> <p>05. Length of Hammer: Upto 1200 mm</p> <p>06. Outer Diameter : Upto 100 mm</p> <p>07. Penetration Rate : Min. 5 Mtrs. per hour @ 7 bar (100 psi)</p> <p>08. Type of Button Bit - COP-42</p> <p>09. Special Features : Top sub should have extra flushing facility for effective removal of cuttings in deep water well drilling.(Details should be furnished)</p> <p>10. Operating Air Pressure: 7 to 10 Bar (100 to 150 psi)</p> <p>11. Connecting Thread : 2 3/8" API Reg.</p> <p>12. Heat treatment & hot peening operation should be carried out to the Wear Sleeve, Piston, Cylinder, Back Head & Chuck of the hammer and proof of the same regarding facilities to carry out above operations should be submitted along with the Tender Documents.</p> <p>13. Warranty : 12 months from the date of commissioning /3000 Mtrs. drilling work whichever is earlier.</p> <p>Qualification Criteria: - Tenderer should be manufacturer of Hammers having manufactured and marketed 50 Hammers of similar type during last three years to Govt. deptt. List of Buyers along with Performance Certificate should be enclosed with the Tender Documents.</p>	
6	<p>DTH Hammer suitable for drilling of 150 mm dia holes in Hard Rock formation at 150 psi Air (10 bar) pressure.</p> <p>The DTH Hammer should be capable of drilling 115 mm dia bore holes in hard rock formations and 150 – 165 mm dia holes in over burden formations.</p> <p>The Hammer should have following Technical Specifications/Technical Data-</p> <p>Type of Hammer MACH-44 or Equivalent</p> <p>01. Hole Dia : 100 mm to 115 mm</p> <p>02. Piston Stroke : upto 110 mm</p> <p>03. Piston Diameter : upto 65 to 75 mm</p> <p>04. Weight without Bit: Upto 35 Kg.</p> <p>05. Length of Hammer: Upto 1000 mm</p> <p>06. Outer Diameter : Upto 95 mm</p> <p>07. Penetration Rate : Min. 5 Mtrs. per hour @ 10 bar (150 psi)</p> <p>08. Type of Button Bit – MACH-44</p> <p>09. Special Features : Top sub should have extra flushing facility for effective removal of cuttings in deep water well drilling.(Details should be furnished)</p> <p>10. Operating Air Pressure: 10 bar (150 bar)</p> <p>11. Connecting Thread : 3½" API Reg.</p>	23,000/-

	<p>12. Heat treatment & hot peening operation should be carried out to the Wear Sleeve, Piston, Cylinder, Back Head & Chuck of the hammer and proof of the same regarding facilities to carry out above operations should be submitted along with the Tender Documents.</p> <p>13. Warranty : 12 months from the date of commissioning /3000 Mtrs. drilling work whichever is earlier.</p> <p>Qualification Criteria :- Tenderer should be manufacturer of Hammers having manufactured and marketed 50 Hammers of similar type during last three years to Govt. deptt. List of Buyers along with Performance Certificate should be enclosed with the Tender Documents.</p>	
--	--	--

1. Rates :- F. D. Destination in Maharashtra.
2. VAT :- Inclusive.
3. Octroi: - Nil against octroi exemption certificate . If octroi exemption certificate can not given the octroi will be borne by the consignee.
4. Excise Duty :- Inclusive
5. Packing :- Packing should be standard and acceptance to railway Authority and Govt. Insurance fund. (packaging, forwarding and insurance charges inclusive)
6. Force Majeure clause is not applicable.
7. Delivery Period: - Six Weeks from date of receipt of the confirmed order.
8. Inspection: By DGS&D/RITES.
9. Payment: 90% payment within 15 days from the date of receipt of stores and balance 10% within 30 days from the date of receipt of stores in satisfactory condition as ordered.
10. Mode of Transport :- Material to be dispatched duly. insured either by Road/Railway (Goods/passenger Train whichever reaches fast and cheep)
11. This rate contract is meant for whole of Maharashtra.
12. Terms : All General Terms and Conditions will also be applicable as per rate Contract
13. Rate contract holder should submit monthly statement of orders received and executed to this office by 10th of every month without fail. The Indenting Officers of Govt. Department shall place orders with the firms and should send copies thereof to this office.
14. Consignees should intimate complaints if any within six months from the date of receipt of stores.
15. No. price escalation will be allowed .
16. Warranty Period - One Year from the date of supply/Drilling life in meters as specified in TE 17 .
The delay in supply should be worked out as per provision in "Manual of office procedure for purchase of stores vide G.R. dt.21-02-1978" and penalty calculated should be deducted from the bill before payment.



Joint Director of Industries (C.S.P.O.)