

PROCUREMENT PROJECTIONS FOR THE NEXT 5 YEARS

Name of the Organization: Mishra Dhatu Nigam Limited

Website Link www.midhani-india.in

Ministry/Department Ministry of Defence

Disclaimer: The below information is purely indicative and Mishra Dhatu Nigam Limited under Ministry of Defence will not be liable to any potential bidder for any decision taken/not taken on the basis of projected figures

Financial Year: 2020-21

S.No	Description of item	Broad Specification parameters	Qty	Accounting Unit (Nos/ Kilometers/ Tonne)	Estimated value of procurement INR (Lakhs)
1	Nickel	NR 9990 (ISO 6283:1995E) / ASTM B 39	1700	Tonne	17000
2	Cobalt	MB standard grade Co minimum 99.8%	430	Tonne	11200
3	Molybdenum	ASTM B387-10	240	Tonne	6200
4	Ti sponge	Ti: 99.60 % min. Fe: 0.05 % max. O2:0.060 % max.Si: 0.020 % max.Ni: 0.050 % max. C: 0.015% max Cl: 0.100 % max. N:0.020 % max.Mg: 0.080 % max.Each of the other elements (Total) -- 0.050 % max	450	Tonne	3800
5	Chromium metal	Grade-B, ASTM STD 481-05	130	Tonne	800
6	Pure iron	C =0.02%MAX Si= 0.01% MAXMn=0.07% MAX P = 0.005% MAXS=0.004 % MAX Zn = 0.005% MAXCr= 0.02% MAX Ni = 0.03% MAXCo=0.02% MAX Mo =0.01% MAXCu=0.02% Max Sn = 0.003% MaxNb=0.002% MAX H2 = 0.003% MAXO2 = 0.03% MAX N2 = 0.008% MAX Sb, Pb, Ti, Bi, W, Ta, V, As, B, Al, Se =0.005% MAX; Fe = BalanceSIZE= 1) 60 – 80 mm Square Cross Section with maximum length 200-300 mm or 2) 60-80 mm Square with maximum length of 6M	3800	Tonne	3000
7	Aluminium- vanadium master alloy	Al-45-49%,V- 50-54%,Mo-0.15% max,Fe-0.40%Max, C- 0.150% max, O- 0.10% Max, Si- 0.350%Max, N-0.040% max, B-0.0030% Max, W-0.0150% Max, Mg-0.0250% Max, All other elements: 0.10% Max	30	Tonne	800
8	LC Fe Cr	Fe Cr 70 C03LP, ISO 5448-1981E	600	Tonne	1500

Financial Year:2021-2022

S.No	Description of item	Broad Specification parameters	Qty	Accounting Unit (Nos/Kilometers/Tonne)	Estimated value of procurement INR (Lakhs)
1	Nickel	NR 9990 (ISO 6283:1995E) / ASTM B 39	2000	Tonne	20000
2	Cobalt	MB standard grade Co minimum 99.8%	450	Tonne	12000
3	Molybdenum	ASTM B387-10	250	Tonne	6500
4	Ti sponge	Ti: 99.60 % min. Fe: 0.05 % max. O2:0.060 % max.Si: 0.020 % max.Ni: 0.050 % max. C: 0.015% max Cl: 0.100 % max. N:0.020 % max.Mg: 0.080 % max.Each of the other elements (Total) -- 0.050 % max	500	Tonne	4200
5	Chromium metal	Grade-B, ASTM STD 481-05	150	Tonne	1000
6	Pure iron	C =0.02%MAX Si= 0.01% MAXMn=0.07% MAX P = 0.005% MAXS=0.004 % MAX Zn = 0.005% MAXCr= 0.02% MAX Ni = 0.03% MAXCo=0.02% MAX Mo =0.01% MAXCu=0.02% Max Sn = 0.003% MaxNb=0.002% MAX H2 = 0.003% MAXO2 = 0.03% MAX N2 = 0.008% MAX Sb, Pb, Ti, Bi, W, Ta, V, As, B, Al, Se =0.005% MAX; Fe = BalanceSIZE= 1) 60 – 80 mm Square Cross Section with maximum length 200-300 mm or 2) 60-80 mm Square with maximum length of 6M	4500	Tonne	3600
7	Aluminium- vanadium master alloy	Al-45-49%,V- 50-54%,Mo-0.15% max,Fe-0.40%Max, C- 0.150% max, O- 0.10% Max, Si- 0.350%Max, N-0.040% max, B-0.0030% Max, W-0.0150% Max, Mg-0.0250% Max, All other elements: 0.10% Max	35	Tonne	850
8	LC Fe Cr	Fe Cr 70 C03LP, ISO 5448-1981E	800	Tonne	2000

Financial Year: 2022-2023

S.No	Description of item	Broad Specification parameters	Qty	Accounting Unit (Nos/Kilometers/Tonne)	Estimated value of procurement INR (Lakhs)
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1	Nickel	NR 9990 (ISO 6283:1995E) / ASTM B 39	2500	Tonne	25000
2	Cobalt	MB standard grade Co minimum 99.8%	480	Tonne	12700
3	Molybdenum	ASTM B387-10	300	Tonne	7800
4	Ti sponge	Ti: 99.60 % min. Fe: 0.05 % max. O2:0.060 % max.Si: 0.020 % max.Ni: 0.050 % max. C: 0.015% max Cl: 0.100 % max. N:0.020 % max.Mg: 0.080 % max.Each of the other elements (Total) -- 0.050 % max	600	Tonne	5000
5	Chromium metal	Grade-B, ASTM STD 481-05	180	Tonne	1500
6	Pure iron	C =0.02%MAX Si= 0.01% MAXMn=0.07% MAX P = 0.005% MAXS=0.004 % MAX Zn = 0.005% MAXCr= 0.02% MAX Ni = 0.03% MAXCo=0.02% MAX Mo =0.01% MAXCu=0.02% Max Sn = 0.003% MaxNb=0.002% MAX H2 = 0.003% MAXO2 = 0.03% MAX N2 = 0.008% MAX Sb, Pb, Ti, Bi, W, Ta, V, As, B, Al, Se =0.005% MAX; Fe = BalanceSIZE= 1) 60 – 80 mm Square Cross Section with maximum length 200-300 mm or 2) 60-80 mm Square with maximum length of 6M	5500	Tonne	4500
7	Aluminium- vanadium master alloy	Al-45-49%,V- 50-54%,Mo-0.15% max,Fe-0.40%Max, C- 0.150% max, O- 0.10% Max, Si- 0.350%Max, N-0.040% max, B-0.0030% Max, W-0.0150% Max, Mg-0.0250% Max, All other elements: 0.10% Max	40	Tonne	1000
8	LC Fe Cr	Fe Cr 70 C03LP, ISO 5448-1981E	1000	Tonne	2500

Financial Year: 2023-2024

S.No	Description of item	Broad Specification parameters	Qty	Accounting Unit (Nos/Kilometers/Tonne)	Estimated value of procurement INR (Lakhs)
1	Nickel	NR 9990 (ISO 6283:1995E) / ASTM B 39	2750	Tonne	27500
2	Cobalt	MB standard grade Co minimum 99.8%	528	Tonne	13970
3	Molybdenum	ASTM B387-10	330	Tonne	8580

4	Ti sponge	Ti: 99.60 % min. Fe: 0.05 % max. O2:0.060 % max.Si: 0.020 % max.Ni: 0.050 % max. C: 0.015% max Cl: 0.100 % max. N:0.020 % max.Mg: 0.080 % max.Each of the other elements (Total) -- 0.050 % max	660	Tonne	5500
5	Chromium metal	Grade-B, ASTM STD 481-05	198	Tonne	1650
6	Pure iron	C =0.02%MAX Si= 0.01% MAXMn=0.07% MAX P = 0.005% MAXS=0.004 % MAX Zn = 0.005% MAXCr= 0.02% MAX Ni = 0.03% MAXCo=0.02% MAX Mo =0.01% MAXCu=0.02% Max Sn = 0.003% MaxNb=0.002% MAX H2 = 0.003% MAXO2 = 0.03% MAX N2 = 0.008% MAX Sb, Pb, Ti, Bi, W, Ta, V, As, B, Al, Se =0.005% MAX; Fe = BalanceSIZE= 1) 60 – 80 mm Square Cross Section with maximum length 200-300 mm or 2) 60-80 mm Square with maximum length of 6M	6050	Tonne	4950
7	Aluminium- vanadium master alloy	Al-45-49%,V- 50-54%,Mo-0.15% max,Fe-0.40%Max, C- 0.150% max, O- 0.10% Max, Si- 0.350%Max, N-0.040% max, B-0.0030% Max, W-0.0150% Max, Mg-0.0250% Max, All other elements: 0.10% Max	44	Tonne	1100
8	LC Fe Cr	Fe Cr 70 C03LP, ISO 5448-1981E	1100	Tonne	2750

Financial Year: 2024-2025

S.No	Description of item	Broad Specification parameters	Qty	Accounting Unit (Nos/Kilometers/Tonne)	Estimated value of procurement INR (Lakhs)
1	Nickel	NR 9990 (ISO 6283:1995E) / ASTM B 39	3025	Tonne	30250
2	Cobalt	MB standard grade Co minimum 99.8%	580.8	Tonne	15367
3	Molybdenum	ASTM B387-10	363	Tonne	9438
4	Ti sponge	Ti: 99.60 % min. Fe: 0.05 % max. O2:0.060 % max.Si: 0.020 % max.Ni: 0.050 % max. C: 0.015% max Cl: 0.100 % max. N:0.020 % max.Mg: 0.080 % max.Each of the other elements (Total) -- 0.050 % max	726	Tonne	6050
5	Chromium metal	Grade-B, ASTM STD 481-05	217.8	Tonne	1815

6	Pure iron	C =0.02%MAX Si= 0.01% MAXMn=0.07% MAX P = 0.005% MAXS=0.004 % MAX Zn = 0.005% MAXCr= 0.02% MAX Ni = 0.03% MAXCo=0.02% MAX Mo =0.01% MAXCu=0.02% Max Sn = 0.003% MaxNb=0.002% MAX H2 = 0.003% MAXO2 = 0.03% MAX N2 = 0.008% MAX Sb, Pb, Ti, Bi, W, Ta, V, As, B, Al, Se =0.005% MAX; Fe = BalanceSIZE= 1) 60 – 80 mm Square Cross Section with maximum length 200- 300 mm or 2) 60-80 mm Square with maximum length of 6M	6655	Tonne	5445
7	Aluminium- vanadium master alloy	Al-45-49%,V- 50-54%,Mo-0.15% max,Fe- 0.40%Max, C- 0.150% max, O- 0.10% Max, Si- 0.350%Max, N-0.040% max, B-0.0030% Max, W-0.0150% Max, Mg-0.0250% Max, All other elements: 0.10% Max	48.4	Tonne	1210
8	LC Fe Cr	Fe Cr 70 C03LP, ISO 5448-1981E	1210	Tonne	3025



Global Tender Enquiry (GTE) - Web hosting of 3/5 years Procurement Plan- MIDHANI

M/s Utkarsha Aluminium Dhatu Nigam Limited (UADNL) (A Joint Venture of NALCO and MIDHANI)

Contact Person: Shri. Ramanaiah T, Deputy General Manager (Projects), Email ID: ramanaiah@midhani-india.in

Sl. No	Category: (Material/ Service/ Both)	Item Name/Short Description	Unit of Measurement	Quantity Per Year					
				2021-22	2022-23	2023-24	2024-25	2025-26	
1	Service	Engineering, Procurement and Construction Management (EPCM) Consultancy Services: Utkarsha Aluminium Dhatu Nigam Limited (UADNL), a Joint Venture Company of M/s NALCO and M/s MIDHANI, would like to engage a reputed Engineering and Consultancy firm for EPCM Consultancy Services for setting up Greenfield Project for 60,000 MTPA capacity High End Aluminium Alloy Flat Rolled Products (FRP) Production Plant at Nellore, Andhra Pradesh.	One Time	One Time Engagement					