

ASHOKA STHAPATYA PRIVATE LIMITED

Registered Office: Yeshwantnagar - Akulj, Taluka: Malshiras, District. Solapur - 413 118. Website:-www.dkahydro.com

PUBLIC NOTICE

[Case No. 208 of 2020]

Suggestions/ Objections on Ashoka Sthapatya Private Limited's Petition for determination of Project Specific Tariff for supply of electricity to Distribution Licensee in Maharashtra from Morna Hydro Electric Project of capacity 1 MW located at Dist. Satara.

- Ashoka Sthapatya Private Limited (ASPL)** has filed a Petition for determination of Project Specific Tariff for Morna Hydro Electric Project of capacity of 1 MW located at Morna dam, near Gureghar Village, Tal. Patan, Dist. Satara, under Regulation 9.1 and 10.2 of MERC (Terms and Conditions for Determination of Renewable Energy Tariff) Regulations, 2019 and Section 62(1)(a) and 86(1)(e) of the Electricity Act, 2003.
- The Commission has admitted the Petition on 31 December 2020 and directed ASPL to publish a Public Notice under section 64(2) of the Electricity Act, 2003 inviting Suggestions/Objections from the Public.
- ASPL has prayed as under:
 - To admit the Petition seeking approval for Project Specific Tariff for Morna (Gureghar) Hydro Electric Project of capacity 1 MW located at Morna dam, near Gureghar Village, Tal. Patan, Dist. Satara;
 - To approve Project Specific Tariff of Rs 8.26/kWh for Morna Hydro Electric Project of capacity 1 MW located at Morna dam, near Gureghar Village, Tal. Patan, Dist. Satara;
 - To allow the recovery of land lease rent, water cess, maintenance charges to be paid to Government of Maharashtra on actual basis during tariff period;
 - To invoke its power under Regulation 74- Power to relax and Regulation 77 – Power to remove difficulties in order to allow the deviations from MERC RE Tariff Regulations, 2019, wherever sought in this Petition;
 - To allow additions/alterations/modifications/changes to the Petition at a future date;
 - To allow any other relief, order or direction, which the Hon'ble Commission deems fit to be issued;
 - To condone any error/ omission and to give opportunity to rectify the same;
- The salient features of the Petition are provided below:

Table 1: Capital Cost Break-up for proposed 1 MW Mini Hydro Project at Satara (Rs Lakh)

S. No.	Project Cost	Amount
1.	Preliminary work	135.20
2.	Civil Works	206.88
3.	Hard Cost	567.22
4.	Other works	22.28
5.	Evacuation Works	195.25
6.	Overhead and Establishment	55.35
7.	IDC	0.00
8.	Grand Total	1,182.18

Table 2: Parameter Assumptions

S. No.	Assumption Head	Sub-Head	Sub-Head (2)	Unit	Assumptions
1	Power Generation	<u>Capacity</u>			
			Installed Power Generation Capacity	MW	1.00
			Capacity Utilization Factor	%	30%
			Auxiliary Consumption	%	1.00%
			Useful Life	Years	35.00
2	Project Cost				
		<u>Capital Cost/MW</u>	Power Plant Cost	Rs Lacs/MW	1,182.18
3	Financial Assumptions				
			Tariff Period	Years	30.00
		<u>Debt: Equity</u>			
			Debt	%	70%
			Equity	%	30%
			Total Debt Amount	Rs Lacs	827.53
			Total Equity Amount	Rs Lacs	354.66
			Debt Amount		
			Loan Amount	Rs Lacs	827.53
			Repayment Period (incl'd Moratorium)	years	12
			Interest Rate	%	10.16%
			<u>Equity Amount</u>		
			Equity amount	Rs Lacs	354.66
			Return on Equity	% p.a	14%
			MAT Rate	% p.a.	15.60%
	RoE Period	Year	30		
	Weighted average of ROE		16.59%		
	Return on Equity (grossed up)	Rs Lacs	58.83		
	Discount Rate		10.20%		
	<u>Depreciation</u>				
		Depreciation Rate for first 12 years	%	5.83%	
		Depreciation Rate 13th year onwards	%	1.11%	
5	Operation & Maintenance				
			Power Plant - Base Year	Rs Lakh/MW	47.29
		Escalation Factor	%	3.28%	
6	Working Capital				
		<u>For Fixed Charges</u>			
			O&M Charges	Months	1.00
			Maintenance Spare	(% of O&M expenses)	15%
			Receivables for Debtors	Months	2.00
		Interest On Working Capital	%	9.66%	

Table 3: Determination of Tariff component

Year	Unit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Net Energy Sold	MU	2.60	2.60	2.60	2.61	2.60	2.60	2.60	2.61	2.60	2.60	2.60	2.61	2.60	2.60	2.60
Costs																
O&M	Rs. Lakhs	47.29	48.84	50.44	52.09	53.80	55.56	57.39	59.27	61.21	63.22	65.29	67.43	69.64	71.92	74.28
Depreciation	Rs. Lakhs	68.96	68.96	68.96	68.96	68.96	68.96	68.96	68.96	68.96	68.96	68.96	68.96	13.14	13.14	13.14
Interest on Term Loan	Rs. Lakhs	80.55	73.55	66.54	59.54	52.53	45.53	38.52	31.52	24.52	17.51	10.51	3.50	-	-	-
Interest on Working Capital	Rs. Lakhs	5.26	5.21	5.16	5.11	5.06	5.02	4.97	4.93	4.89	4.86	4.83	4.80	3.91	4.00	4.09
Return on Equity	Rs. Lakhs	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83
Total Cost	Rs. Lakhs	260.89	255.39	249.93	244.53	239.19	233.90	228.67	223.51	218.41	213.38	208.41	203.52	145.52	147.89	150.34
Net Tariff	Rs./kWh	10.03	9.82	9.61	9.37	9.19	8.99	8.79	8.57	8.39	8.20	8.01	7.80	5.59	5.68	5.78

Year	Unit	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Net Energy Sold	MU	2.61	2.60	2.60	2.60	2.61	2.60	2.60	2.60	2.61	2.60	2.60	2.60	2.61	2.60	2.60
Costs																
O&M	Rs. Lakhs	76.72	79.23	81.83	84.51	87.28	90.14	93.10	96.15	99.30	102.56	105.92	109.39	112.98	116.68	120.51
Depreciation	Rs. Lakhs	13.14	13.14	13.14	13.14	13.14	13.14	13.14	13.14	13.14	13.14	13.14	13.14	13.14	13.14	13.14
Interest on Term Loan	Rs. Lakhs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest on Working Capital	Rs. Lakhs	4.19	4.29	4.39	4.50	4.60	4.72	4.83	4.95	5.08	5.20	5.34	5.47	5.61	5.76	5.91
Return on Equity	Rs. Lakhs	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83	58.83
Total Cost	Rs. Lakhs	152.87	155.48	158.18	160.97	163.85	166.82	169.89	173.07	176.34	179.73	183.22	186.83	190.56	194.40	198.38
Net Tariff	Rs./kWh	5.86	5.98	6.08	6.19	6.28	6.41	6.53	6.65	6.76	6.91	7.04	7.18	7.30	7.47	7.62

Table 4: Levelised Tariff

Levelised Tariff for 30 years (Rs/kWh)	8.34
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- The Commission has directed ASPL to invite Suggestions/Objections from the Public on its Petition through this Notice. In response to the Public Notice published, every person who intends to file suggestions/ objections can submit the same in English or Marathi language in writing through electronic means/ Email: ehearing@merc.gov.in / secretary@merc.gov.in addressed to **The Secretary, Maharashtra Electricity Regulatory Commission, 13th Floor, Centre No.1, World Trade Centre, Cuffe Parade, Mumbai-400 005.** on or before 5 PM on **22 January 2021** along with proof of service on Shri Sanjay K.Sawant, Director, Ashoka Sthapatya Pvt. Ltd [email: asplhydro@gmail.com]. Suggestions and/or objections received after the specified date shall not be considered. ASPL shall reply to each of the objections /comments received within three days of the receipt of the same but not later than **25 January, 2021** for all the objections/comments received till **22 January, 2021**. Stakeholders can submit their rejoinders on replies provided by ASPL either during the public hearing or latest by **30 January, 2021**.
- If the sender/objector who has submitted his comments/suggestions as per para 5 above and wants to be heard in person in e-Public Hearing, then he should specifically mention the same at the time of filing of suggestions /objections. In such cases, submission of valid email ID and Mobile Number would be mandatory. The Commission at its sole discretion, may permit such sender/objector to be heard in the e-Public Hearing. All participants attending the e- Public Hearing shall follow the provisions of the Commission's Guidelines for attending Public Hearing Through Video Conference notified on 17 September, 2020.
- The detailed Petition document and the Executive Summary are available on ASPL's website www.dkahydro.com and the Executive Summary is also available on the website of the Commission www.merc.gov.in in downloadable format (free of cost).
- Hearing to be held through video conference on **27 January 2021 at 10:30 AM**, when ASPL's application for tariff determination will be considered. No separate notice will be issued for the purpose.

Place: Mumbai
Date: 2 January, 2021

Sd/-
Name: Sanjay K. Sawant
Designation: Director
Ashoka Sthapatya Private Limited