

Questionnaire for Hydropower Plant Price Quotation

I. Contact data								
PROJECT NAME (please reference on all corre	espondence)							
PROJECT SITE (location and country)								
Contact name				C	ompany			
Address								
ZIP code / City				C	ountry			
Phone				I N	1obile			
E-mail				l w	/eb			
Developer Cons	ulting Agency		Nam	e of Project	t Owner			
II. Status								
<ul> <li>Feasibility study</li> <li>Public tender</li> <li>Construction of a new</li> <li>Water license / permit exi</li> <li>Sketch/plan/pictures of</li> </ul>	<sup>,</sup> power plant sting of project site at	Contra	ct pending Dea nisation of	g; construct adline for su an existing no	ion sched Ibmitting plant in p	uled for:		
III. Technical data (Equipme	ent design, calcula	tion, output a	nd perform	ance guarant	tees will be	e based on the hea	ad and flow da	ta provided
<ol> <li>1.a) Gross/ static head (vertical distance between up or to turbine floor elevation)</li> </ol>	ostream and down	m stream level	<b>b) Net h</b> (in refere	ead nce to 1.a) le	ess friction	losses at rated flo	w)	m
measured to:	Tail water	level	🗌 Turb	ine floor ele	evation			
2. Elevation								
a) Upper water level		m	b) Tail w	ater level	at min	flow		m
			Tail w	ater level	at max	. flow		m
3. Available flow			Tail w	ater level	at floo	d condition		m
Flow (please indicate ave	erage flow for eac	<mark>h month!</mark> )						
January	l/s	May			l/s	September		l/s
February	l/s	June			l/s	October		l/s
March	l/s	July			l/s	November		l/s
April	l/s	August			l/s	December		l/s
Flow duration curve is	attached to this	questionnai	re					
Flow is constant.	Reaso	n:						
4. Altitude of project site a	above sea level							m
5. Has the nominal flow al	ready been appr	oved by autl	horities?	🗌 yes	🔲 no;	if yes, quantit	:y:	l/s



	nce							
Is a direct conn	ection	planned	between tu	rbine and intal	ke or canal?			🗌 yes 📃 no
If not, please in	dicate	penstoc	k data:					
Penstock:	1)	length	in m	int.	Ø in mm		material	
	2)	length	in m	int.	Ø in mm		material	
	3)	length	in m	int.	Ø in mm		material	
		max. p	ermissible p	ressure rise of	penstock in k	ar		
7. Comentan					<b>P</b>			
7. Generator			_					
Synchronous	genera	ator	Async	hronous/Indu:	ction generate	or		
Frequency in Hz			Generator	r voltage in V			Grid voltage in V	
8. Operation mod	le							
Off-grid (auto	nomous	s/stand-al	one energy p	roduction for th	e supply of an i	solated grid)		
On-grid (run-c	of-river	, operation	, grid parallel	power supply in	nto utility grid)	0,		
☐ Off-grid plus (	On-gric	d in comb	pination	- - <i> </i>	, , , , , , , , ,			
	0							
9. Water quality			_	—			_	
Use in potable	e water	system	Sea wa	iter 📙 Hig	shly abrasive/	silt content	pH value	
Max. tempera	ature in	°C		🔤 🗌 Ot	hers			
IV. Scope of suppl	ies							
						Automatio	n:	
Speed increas	er						irbine regulator/go	vernor
Generator							vitch board for grid	connection
			1 1 1				MS warning system	1
Hydraulic syst	em for	turbine	regulation			=		
Hydraulic syst	em for	turbine	regulation			S	CADA-system	
<ul> <li>Hydraulic syst</li> <li>Service valve</li> <li>Trash rack clear</li> </ul>	em for aner (p	turbine	regulation	estionnaire)		Step-up tr	CADA-system ansformer	
Hydraulic syst	em for aner (p	turbine	regulation	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	d
Hydraulic syst	em for aner (p	turbine	regulation	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	d
Hydraulic syst Service valve Trash rack clea	em for aner (p	turbine	regulation	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	d
Hydraulic syst Service valve Trash rack clea	em for aner (p	turbine	nplete TRC qu	estionnaire)		Step-up tr	CADA-system ansformer oltage switch board	b
Hydraulic syst Service valve Trash rack clea	em for aner (p	lease com	nplete TRC qu	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	b
Hydraulic syst Service valve Trash rack clea	em for aner (p	lease com	nplete TRC qu	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	d
Hydraulic syst Service valve Trash rack clea	em for aner (p	lease com	nplete TRC qu	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	b
Hydraulic syst Service valve Trash rack clea	em for aner (p	lease com	regulation	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	b
Hydraulic syst Service valve Trash rack clea	em for aner (p	lease com	nplete TRC qu	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	b
Hydraulic syst Service valve Trash rack clea V. Comments	em for aner (p	lease com	nplete TRC qu	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	b
Hydraulic syst Service valve Trash rack clea V. Comments	em for aner (p	lease com	nplete TRC qu	estionnaire)		Step-up tr	CADA-system ansformer oltage switch board	d
Hydraulic syst Service valve Trash rack clea V. Comments	em for aner (p	lease com	nplete TRC qu	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	d
Hydraulic syst Service valve Trash rack clea V. Comments Date, place	em for aner (p	lease com	regulation	estionnaire)	Sig	Step-up tr Medium v	CADA-system ansformer oltage switch board	d 
<ul> <li>Hydraulic syst</li> <li>Service valve</li> <li>Trash rack cleater</li> <li>V. Comments</li> <li>Date, place</li> <li>OSSBER</li> </ul>	em for aner (p	bH + Co. K	regulation  plete TRC qu	estionnaire)	Sig	Step-up tr Medium v	CADA-system ansformer oltage switch board	d 
Hydraulic syst Service valve Trash rack clea V. Comments U. Comments Date, place Otto-F	BGER Gm	bH + Co. K	G	estionnaire)		Step-up tr Medium v	CADA-system ansformer oltage switch board	d 
Hydraulic syst Hydraulic syst Service valve Trash rack clea V. Comments V. Comments Date, place OSSBER Otto-F D-91781	CER Gm GER Gm Rieder-St Weissen GERMA	bH + Co. K rasse 5-11 burg / Bava	regulation  plete TRC qu  G  aria	estionnaire)	Sig	Step-up tr Medium v	CADA-system ansformer oltage switch board	d 
Hydraulic syst Hydraulic syst Service valve Trash rack clea V. Comments V. Comments Date, place OSSBER Otto-F D-91781 +49	Been for aner (p aner (p Been for Rieder-St Weissen GERMA (0) 91 41	bH + Co. K rasse 5-11 burg / Bava	regulation  plete TRC qu  G  aria	estionnaire)	Sig	Step-up tr Medium v	CADA-system ansformer oltage switch board	d
Hydraulic syst Hydraulic syst Service valve Trash rack clea V. Comments U. Comments Date, place OSSBER Otto-F D-91781 +49	BGER Gm Rieder-St Weissen GERMA (0) 91 41 D@ossbe	bH + Co. K rasse 5-11 burg / Bava NYY L / 9 77-0 erger.de	regulation  plete TRC qu  G  aria		Sig	Step-up tr Medium v	CADA-system ansformer oltage switch board	d

Please save the form and send it by e-mail to info@ossberger.de. Thank you!