



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

Date : June 08th , 2020

CLARIFICATION ON TENDER FOR EMPANELMENT OF INTELLECTUAL PROPERTY FIRMS

[Advt. No.IISER/S&P/01/20-21 dated 2.6.2020]

Refer tender published on Institute website www.iiserpune.ac.in and on CPP Portal on June 01st , 2020. Press tender notice was published on June 02nd , 2020.

Pre-Bid meeting was held on June 08th , 2020 at 3.00 p.m. through video conference and minutes of meeting is as under:

At the outset, members welcomed representative of the prospective Bidders and briefed in general the scope of the tender and the salient features of the commercial terms.

The representative present was satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid meeting would be hosted on CPP Portal, on Institute website and all the prospective bidders are required to take cognizance of the proceedings of the Pre-Bid meeting before submitting their bids as stipulated in the Tender Documents.

Clarification sought by the Prospective Bidders and replies thereto are detailed in ANNEXURE - I

Other the terms & conditions of the notice published on Institute website www.iiserpune.ac.in and CPP Portal (<https://eprocure.gov.in/eprocure/app>) will remain unchanged. No more correspondence in this regard will be entertained.

08.06.2020

Assistant Registrar (S&P)



TENDER FOR EMPANELMENT OF INTELLECTUAL PROPERTY FIRMS

TECHNICAL, COMMERCIAL QUERIES AND CLARIFICATION ISSUED

Sr.	Query / Clarification Sought	Clarification / Amendment
1	<p>Page 7 and Annexure 5</p> <p>Can the bid be made as a Consortium of companies? i.e Bidder is a combination of two/three organizations, who have associations dating back for the last few years, not a Consortium formed merely for the sake of this bid.</p> <p>If yes, how should the registration of the bidder be done? If no, kindly clarify the option for Joint venture provided in Annexure V.</p>	<p>Yes, bid can be submitted as JV. However registration shall be done by one of the consortium member only, and that registered firm only will be considered for the entire process.</p>
2	<p>Page 6, point 8 and Page 14, point 2 is missing</p> <p>Details missing, kindly clarify</p>	<p>It is typographical error, please ignore the same.</p>
3	<p>For page 7 items</p> <p>What type of documentary proof is required, specifically for items 1, 4 and 8?</p> <p><i>Item – 1- The IP Firm should be of good standing and have an experience of at least 3 years, servicing clients based in India and abroad.</i></p> <p><i>Item – 4 - The IP firm must have the requisite infrastructure and in-house capability.</i></p> <p><i>Item – 8 - The IP firm should not be involved in any major litigation that may have an impact of affecting or compromising the delivery of services.</i></p>	<p>For item No 1.</p> <p>Month and Year of commencement of services business.</p> <p>i) Registration number of the firm issued under Maharashtra Shops and Establishment Act and date of issue. Copy of the Registration certificate valid as on date to be submitted. Renewal date to be highlighted.</p> <p>ii) In case of company, registration number issued by Registrar of Companies and date of issue.</p>

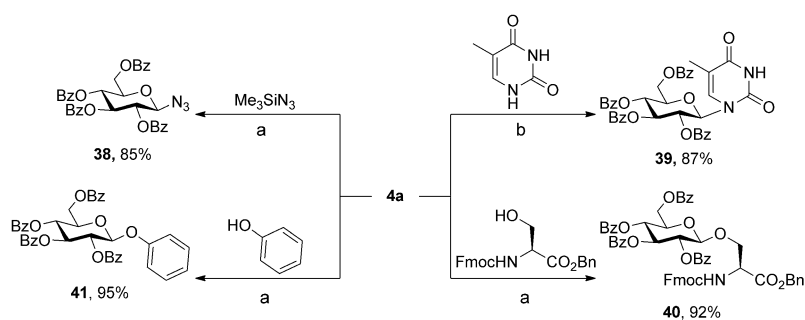
		<p>For item No 4. CA certificate</p> <p>Item - 8 An Annexure I type of document</p>
4	<p>Page 8 Item no. 5 For Statutory details we have PAN Card, GST and Profession Tax registration number Whether these documents ok, if we don't have Shops & Establishment Certificate</p>	<p>Page 8 Item no. 5 Apart from PAN, GST, the agency must submit Shops & Establishment Certificate and In case of company, registration number issued by Registrar of Companies and date of issue.</p>
5	<p>Page 9, Item 8 Membership/partnership relates to what? To professional bodies/associations or any other?</p>	<p>Page 9, Item 8 Technical membership to special societies in the field of IPR. Partnership with any other IPR firm</p>
6	<p>Table on page 18, for items 1, 2 and 4 We can list only those cases that have been published to avoid confidentiality issues. This is the manner in which we are counting our numbers. Kindly confirm</p>	<p>Table on page 18, for items 1, 2 and 4 Yes we need published ones.</p>
7	<p>Page 18, refer header: Supporting documents: What are the documents to be uploaded for each item from 1-7 and 9.</p>	<p>Table on page 18, for items 1, 2 and 4 Evidence available from any search tool (authenticated)</p>
8.	<p>Annexure 4 Will Annexure 4 be maintained confidential?</p>	<p>Annexure 4 All these documents are part of technical bid and put on public domain. Hence confidentiality has no meaning here.</p>

9	<p>Annexure 4</p> <p>Is the format applicable for other clients (ie non central/state funded organizations) also?</p>	<p>Annexure 4</p> <p>Yes, it is applicable for all the clients</p>
10	<p>Annexure 4</p> <p>What are the details needed in Annexure 4?</p>	<p>Annexure 4</p> <p>The certificate to be obtained on client letterhead mentioning period of services and type of service(s) provided during contract period.</p>
11	<p>Annexure 6 and page 18, item 6</p> <p>Any supporting documents/CVS to be provided</p>	<p>All supporting documents including CVS preferred</p>
12	<p>Bid documents in PDF form</p> <p>Is it possible to provide Bid documents in MS-Word ?</p> <p>It will help to fill the inputs suitably</p>	<p>Yes, we will share schedule of requirement in MS-Word file (only page no 21 to page no 27)</p>
13	<p>Page 17, Para 1</p> <p>Two bids to be submitted in two sealed envelopes, Will there be two online/virtual envelopes?</p> <p>Is there a hard copy submission?</p>	<p>Page 17, Para 1</p> <p>Two bids to be submitted in two sealed envelopes, Yes, there will be two online/virtual envelopes created by the system</p> <p>Hard copy may be submitted along with Demand Draft and tender fee.</p>
14	<p>Financial bid, page 20 onwards</p> <p>The price to be quoted only the attorney fee with GST only. Please clarify as there is no discussion about official fee in the document</p>	<p>Financial bid, page 20 onwards</p> <p>Yes, the prices should be for professional attorney fee including GST</p>
15	<p>Annexure 4(page no.31)</p> <p>In clients certificate format there is a repetition from and to, which needs to be clarified</p> <p>This will help us to understand as to the details to be given</p>	<p>Page no.31 - Annexure 3- Details of present and past clients, agency has to submit detail of services provided to clients on their letter head (bidder letter head).</p>

		Page no 32 - Annexure 4 - agency has to submit details of services provided on clients letter head.
16	<p>Page No. 8, Sr. No. 5. Statutory details of agency / firm / company (Photocopies of the Registration Certificate / Allotment letter in the name of the agency / firm / company issued by the concerned authority to be submitted):</p> <p>1] Registration number of the firm issued under Maharashtra Shops and Establishment Act and date of issue. Copy of the Registration certificate valid as on date to be submitted. Renewal date to be highlighted.</p> <p>Question. We have a registered office in Delhi/NCR & branch office is located in Pune(Maharashtra). Request you to please confirm if We can submit the Delhi/NCR office registration certificate & Partnership deed of the firm</p>	The bidder needs to submit Registration number of the firm issued under Maharashtra Shops and Establishment Act to have documentary proof of branch office in Mumbai/Pune.
17	<p>Page No. 18, SI No. 3 Prosecution Support work (Preparation of IDS/ Supplemental IDS etc. in last three years</p> <p>Question: Please confirm the related documents which we upload.</p>	This is being omitted and NOT REQUIRED.
18	<p>Page No. 18, SI No. 4 Available paid Search Tools (Minimum Two)</p> <p>Question: Please confirm the documents which we upload or should I mentioned only name</p>	MENTION NAME ALONG WITH LICENSE EXPIRY DATE
19	<p>1. Do the patentability assessment of the attached paper assuming that the invention disclosure was received by you in the form of a draft on 31st December 2015 (10 marks)</p>	Refer attached Annexure - II

	2. Write claims for this invention. (5 marks)	

Annexure - II



Scheme 7. Further glycosylation reactions of **4a**: a) **11** (8 mol%), AgOTf (8 mol%), 4 Å MS powder, CH₂Cl₂, 25 °C, 15 min; b) bis(trimethylsilyl)acetamide (BSA), **11** (8 mol%), AgOTf (8 mol%), 4 Å MS powder, CH₂Cl₂, 25 °C, 15 min. Fmoc = 9-fluorenylmethoxycarbonyl.

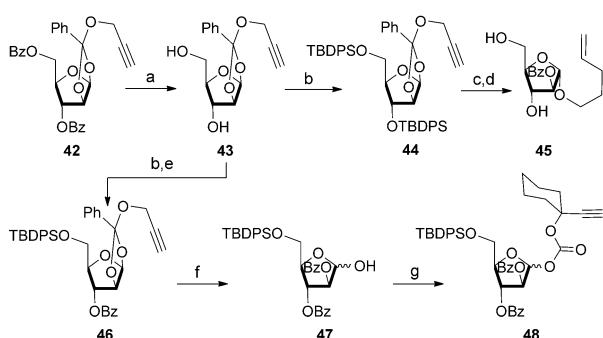
loading, this transformation was shown to be applicable to the synthesis of a biologically significant tridecasaccharide segment reminiscent of the mycobacterial cell surface.

Acknowledgements

B.M. and M.N. acknowledge a fellowship from CSIR-UGC-NET. S.H. thanks the DST, New Delhi for financial support and a Swarnajayanti Fellowship.

Keywords: carbonates · glycoconjugates · glycosidation · gold catalysis · oligosaccharides

How to cite: *Angew. Chem. Int. Ed.* **2016**, *55*, 7786–7791
Angew. Chem. **2016**, *128*, 7917–7922



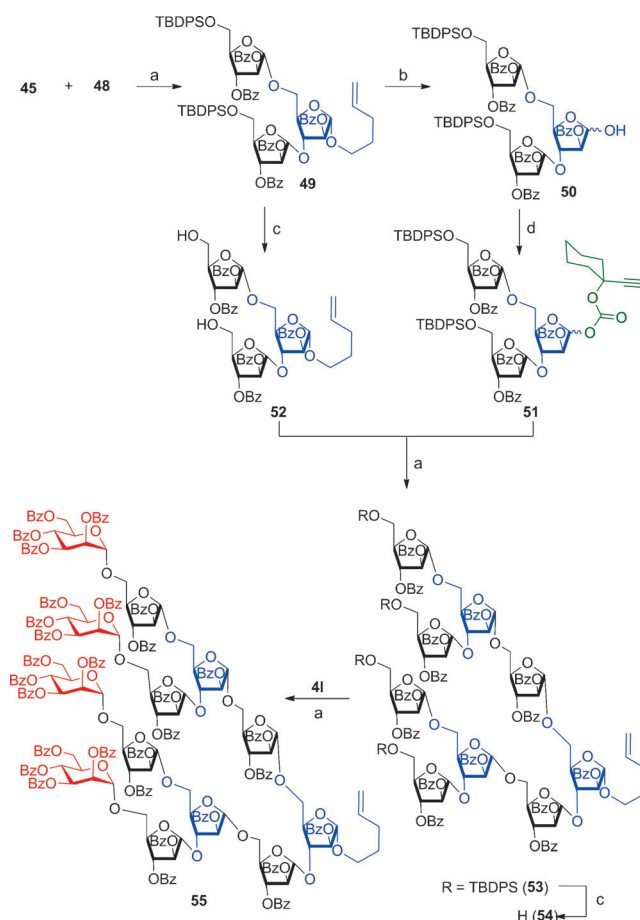
Scheme 8. Synthesis of glycosyl acceptor **45** and glycosyl donor **48**: a) NaOCH₃, CH₃OH, 25 °C, 30 min, 94%; b) TBDPSCl (2 equiv for **44** and 1 equiv for **46**), imidazole, DMF, 25 °C, 2 h, 90% for **44**, 76% for **46**; c) 4-penten-1-ol, AuBr₃ (6 mol%), CH₂Cl₂, 4 Å MS powder, 25 °C, 2 h, 87%; d) HF-py, 0–25 °C, 3 h, 95%; e) BzCl, pyridine, 25 °C, 2 h, 91%; f) AuBr₃ (6 mol%), CH₃CN–H₂O, 25 °C, 2 h, 92%; g) **6**, DBU, CH₂Cl₂, 0–25 °C, 3 h, 93%. DMF = *N,N*-dimethylformamide, py = pyridine.

catalyst **11** and AgOTf (Scheme 9).^[8] Hydrolysis of *n*-pentenyl glycoside **49** to give hemiacetal **50**, followed by its conversion into the trisaccharide carbonate **51** occurred readily. Simultaneous cleavage of the silyl ethers of **49** resulted in the trisaccharide diol **52**.

The key glycosidation between acceptor **52** (1 equiv) and donor **51** (2.5 equiv) under the conditions of Au/Ag catalysis resulted in the formation of nonaarabinofuranoside **53** in 93% yield. Hydrolytic cleavage of the silyl ethers then afforded tetraol **54**. Glycosidation with the mannose carbonate donor **41** (5 equiv) under the Au/Ag conditions resulted in the targeted tridecasaccharide **55** in 95% yield (Scheme 9).^[8]

In summary, we have identified alkynyl glycosyl carbonates as glycosyl donors that are stable solid compounds ideally suited for the fast and efficient synthesis of glycosides, nucleosides, oligosaccharides, and azido and amino acid glycoconjugates under mild catalytic conditions. Importantly, glycosyl carbonates containing benzoates were observed to be solids. With a simple operational protocol and low catalyst

- [1] A. V. Demchenko in *Handbook of Chemical Glycosylation* (Ed.: A. V. Demchenko), Wiley-VCH, Weinheim, **2008**, pp. 1–28.
[2] a) H. Paulsen, *Angew. Chem. Int. Ed. Engl.* **1982**, *21*, 155–173; *Angew. Chem.* **1982**, *94*, 184–201; b) R. R. Schmidt, *Angew. Chem. Int. Ed. Engl.* **1986**, *25*, 212–235; *Angew. Chem.* **1986**, *98*,



Scheme 9. Synthesis of a tridecasaccharide: a) **11** (8 mol%), AgOTf (8 mol%), 4 Å MS powder, CH₂Cl₂, 25 °C, 15 min; b) *N*-iodosuccinimide, TFOH, H₂O, CH₃CN, 25 °C, 2 h, 76%; c) HF-py, 0–25 °C, 3 h, 86%; d) **6**, DBU, CH₂Cl₂, 0–25 °C, 3 h, 92%.

- 213–236; c) K. Toshima, K. Tatsuta, *Chem. Rev.* **1993**, *93*, 1503–1531; d) P. H. Seeberger, D. B. Werz, *Nature* **2007**, *446*, 1046–1051; e) X. Zhu, R. R. Schmidt, *Angew. Chem. Int. Ed.* **2009**, *48*, 1900–1934; *Angew. Chem.* **2009**, *121*, 1932–1967; f) M. J. McKay, H. M. Nguyen, *ACS Catal.* **2012**, *2*, 1563–1595; g) S. Adhikari, X. Li, J. Zhu, *J. Carbohydr. Chem.* **2013**, *32*, 336–359.
- [3] a) T. Mukaiyama, Y. Murai, S. Shoda, *Chem. Lett.* **1981**, 935–938; b) G. Wulff, G. Röhle, *Angew. Chem. Int. Ed. Engl.* **1974**, *13*, 157–216; *Angew. Chem.* **1974**, *86*, 173–187; c) W. Koenigs, E. Knorr, *Ber. Dtsch. Chem. Ges.* **1901**, *34*, 957–981; d) M. J. Hadd, J. Gervay, *Carbohydr. Res.* **1999**, *320*, 61–69; e) D. A. Ryan, D. Y. Gin in *Handbook of Chemical Glycosylation*, (Ed.: A. V. Demchenko), Wiley-VCH, Weinheim, **2008**, pp. 91–142; f) R. R. Schmidt, J. Michel, *Angew. Chem. Int. Ed. Engl.* **1980**, *19*, 731–732; *Angew. Chem.* **1980**, *92*, 763–764; g) S. J. Danishefsky, M. T. Bilodeau, *Angew. Chem. Int. Ed. Engl.* **1996**, *35*, 1380–1419; *Angew. Chem.* **1996**, *108*, 1482–1522; h) S. Mehta, B. M. Pinto, *J. Org. Chem.* **1993**, *58*, 3269–3276; i) D. Horton, D. H. Hudson, *Adv. Carbohydr. Chem.* **1963**, *18*, 123–199; j) H. B. Mereyala, G. V. Reddy, *Tetrahedron* **1991**, *47*, 6435–6448; k) A. V. Demchenko, N. N. Malysheva, C. D. Meo, *Org. Lett.* **2003**, *5*, 455–458; l) D. R. Mootoo, V. Date, B. Fraser-Reid, *J. Am. Chem. Soc.* **1988**, *110*, 2662–2663; m) S. Hotha, S. Kashyap, *J. Am. Chem. Soc.* **2006**, *128*, 9620–9621; n) A. F. Bochkov, G. E. Zaikov in *Chemistry of the O-Glycosidic Bond: Formation and Cleavage*, Pergamon Press, New York, **1979**; o) A. S. Campbell, B. Fraser-Reid, *J. Am. Chem. Soc.* **1995**, *117*, 10387–10388; p) G. Sureshkumar, S. Hotha, *Tetrahedron Lett.* **2007**, *48*, 6564–6568; q) O. J. Plante, R. B. Andrade, P. H. Seeberger, *Org. Lett.* **1999**, *1*, 211–214; r) J. D. C. Codée, L. H. Hossain, P. H. Seeberger, *Org. Lett.* **2005**, *7*, 3251–3254; s) Y. Li, Y. You, B. Yu, *Tetrahedron Lett.* **2008**, *49*, 3604–3608; t) S. Adhikari, K. N. Baryal, D. Zhu, X. Li, J. Zhu, *ACS Catal.* **2013**, *3*, 57–60.
- [4] a) A. K. Kayastha, S. Hotha, *Chem. Commun.* **2012**, *48*, 7161–7163; b) A. K. Kayastha, S. Hotha, *Beilstein J. Org. Chem.* **2013**, *9*, 2147–2155; c) A. K. Kayastha, S. Hotha, *Tetrahedron Lett.* **2010**, *51*, 5269–5372.
- [5] a) S. Inaba, M. Yamada, T. Yoshino, Y. Ishido, *J. Am. Chem. Soc.* **1973**, *95*, 2062–2063; b) T. Iimori, T. Shibazaki, S. Ikegami, *Tetrahedron Lett.* **1996**, *37*, 2267–2270; c) A. Marra, J. Esnault, A. Veyrieres, P. Sinay, *J. Am. Chem. Soc.* **1992**, *114*, 6354–6360; d) T. Mukaiyama, K. Miyazaki, H. Uchiro, *Chem. Lett.* **1998**, *27*, 635–636; e) W. Liu, Q. Chen, J. Liang, Z. Du, K. Zhang, X. Zheng, G. A. O'Doherty, *Synlett* **2015**, *26*, 1683–1686; f) A. Z. Aljahdali, P. Shi, Y. Zhong, G. A. O'Doherty, *Adv. Carbohydr. Chem. Biochem.* **2013**, *69*, 55–123.
- [6] a) Y. Li, X. Yang, Y. Liu, C. Zhu, Y. Yang, B. Yu, *Chem. Eur. J.* **2010**, *16*, 1871–1882; b) A. Buzas, F. Gagosz, *Org. Lett.* **2006**, *8*, 515–518; c) Y.-X. Zhang, L. Guo, Y.-H. Wang, L.-L. Zhu, Z. Chen, *Tetrahedron* **2010**, *66*, 321–328.
- [7] a) T. Yu, J. Li, Y. Zhu, Y. Li, B. Yu, *J. Am. Chem. Soc.* **2013**, *135*, 18396–18405; b) A. Páhi, K. Czifrák, K. E. Kövér, L. Somsák, *Carbohydr. Res.* **2015**, *403*, 192–201.
- [8] See the Supporting Information.
- [9] a) D. Wang, R. Cai, S. Sharma, J. Jirak, S. K. Thummanapelli, N. G. Akhmedov, H. Zhang, X. Liu, J. L. Petersen, X. Shi, *J. Am. Chem. Soc.* **2012**, *134*, 9012–9019; b) X.-R. Song, X.-F. Xia, Q.-B. Song, F. Yang, Y.-X. Li, X.-Y. Liu, Y.-M. Liang, *Org. Lett.* **2012**, *14*, 3344–3347; c) A. Homs, I. Escofet, A. M. Echavarren, *Org. Lett.* **2013**, *15*, 5782–5785; d) Y. Su, M. Lu, B. Dong, H. Chen, X. Shi, *Adv. Synth. Catal.* **2014**, *356*, 692–696; e) B. Ranieri, I. Escofet, A. M. Echavarren, *Org. Biomol. Chem.* **2015**, *13*, 7103–7118.
- [10] a) U. Albrecht, P. Langer, *Tetrahedron* **2007**, *63*, 4648–4654; b) M. Jegelka, B. Plietker, *Org. Lett.* **2009**, *11*, 3462–3465.
- [11] a) B. Fraser-Reid, J. Lu, K. N. Jayaprakash, J. C. López, *Tetrahedron: Asymmetry* **2006**, *17*, 2449–2463; b) S. Borman, *Chem. Eng. News* **2006**, *84*, 13–22; c) A. M. Ginsberg, M. Spigelman, *Nat. Med.* **2007**, *13*, 290–294; d) T. L. Lowary, *Curr. Opin. Chem. Biol.* **2003**, *7*, 749–756.
- [12] S. A. Thadke, B. Mishra, S. Hotha, *Org. Lett.* **2013**, *15*, 2466–2469.

Received: December 17, 2015

Published online: February 16, 2016